

10/207

FIG. 1

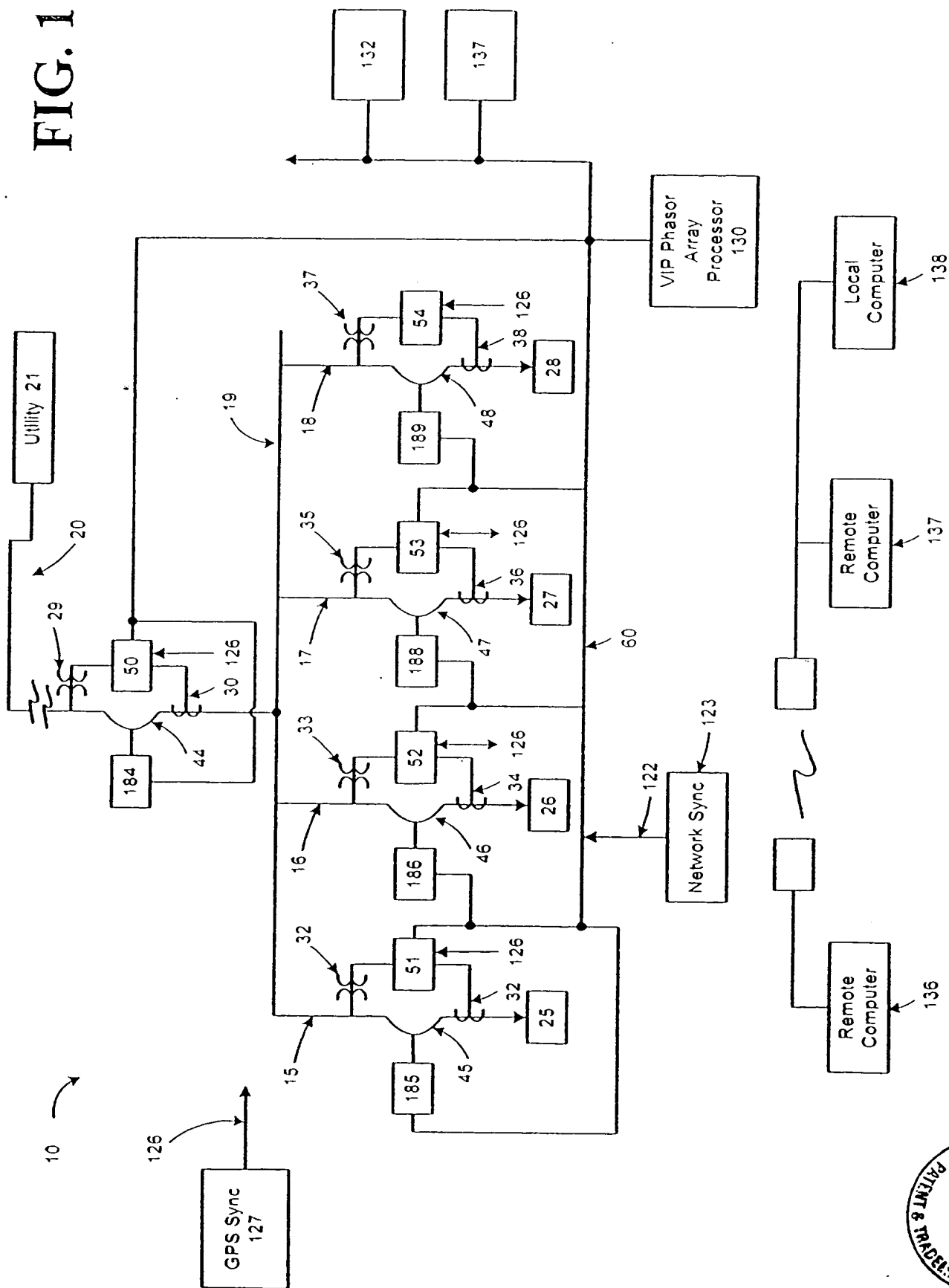


FIG. 3

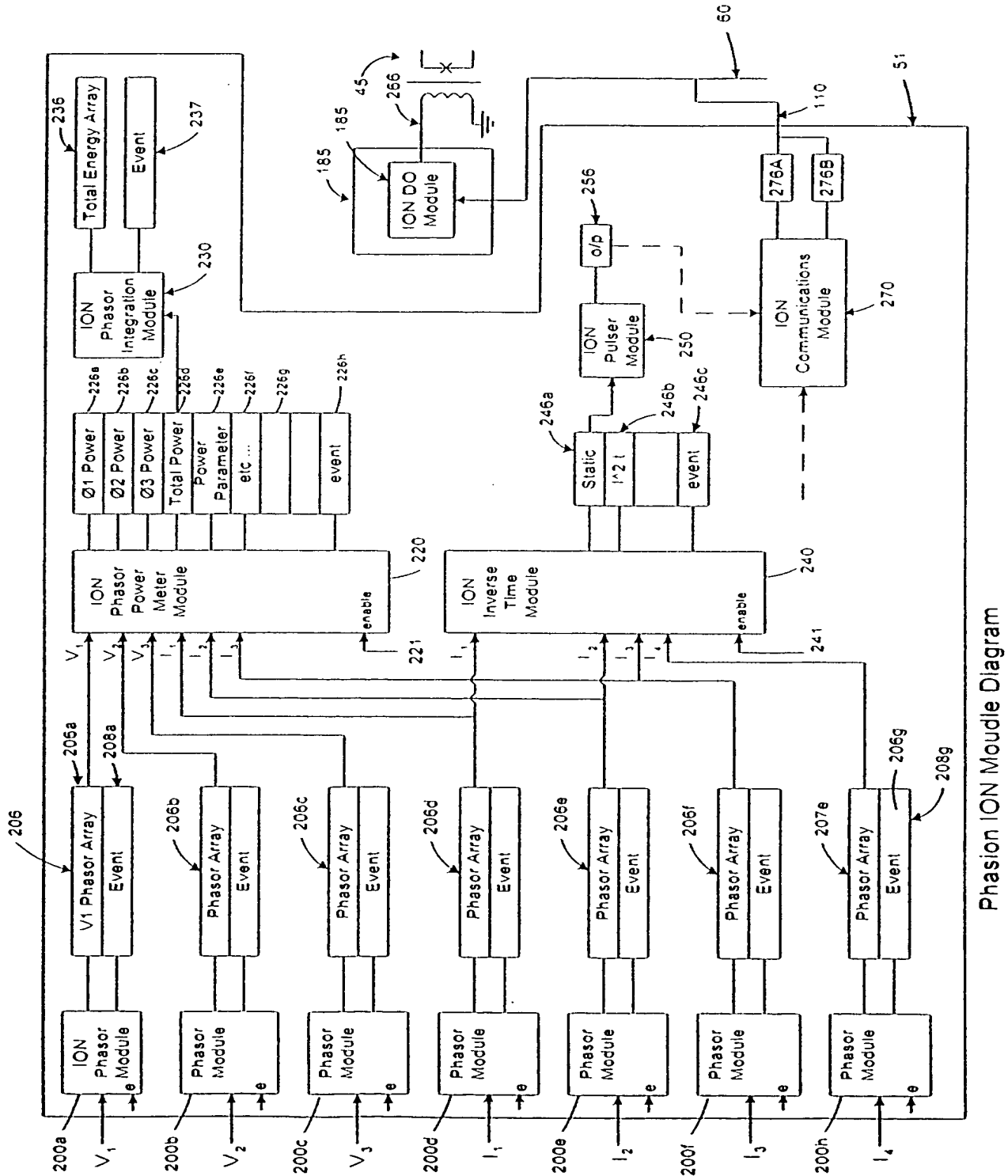
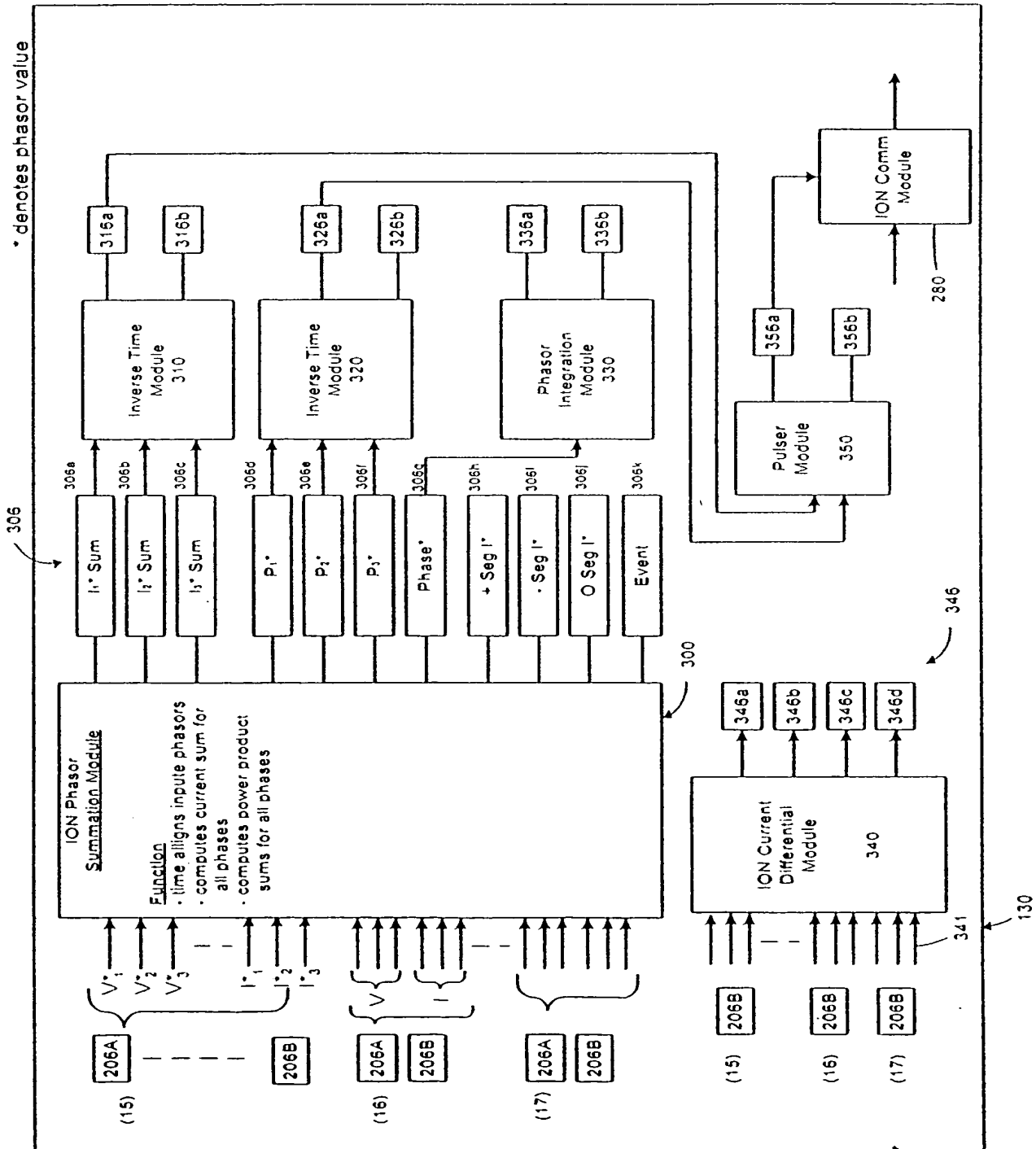


FIG. 4



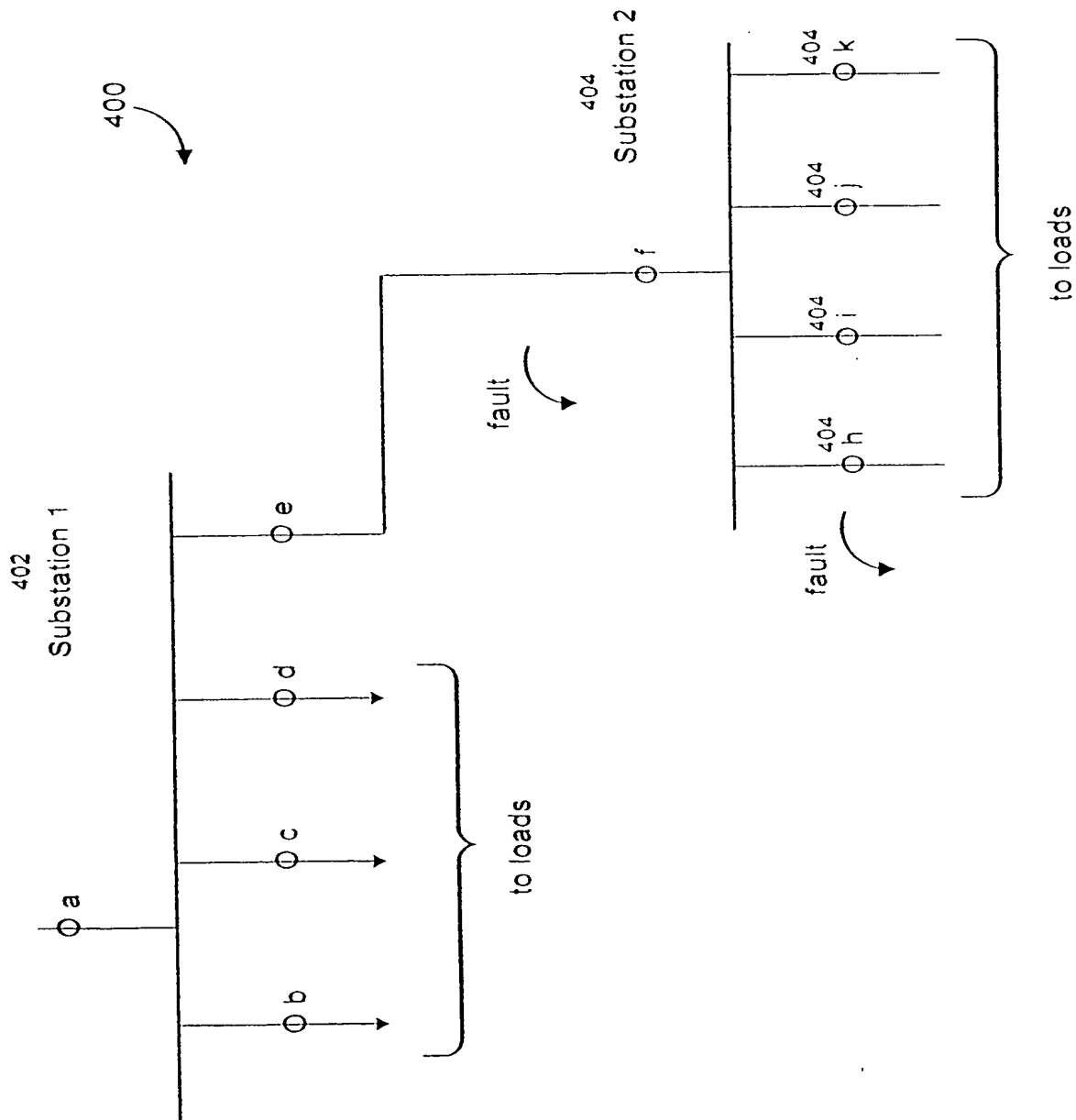


FIG. 5

FIG. 6

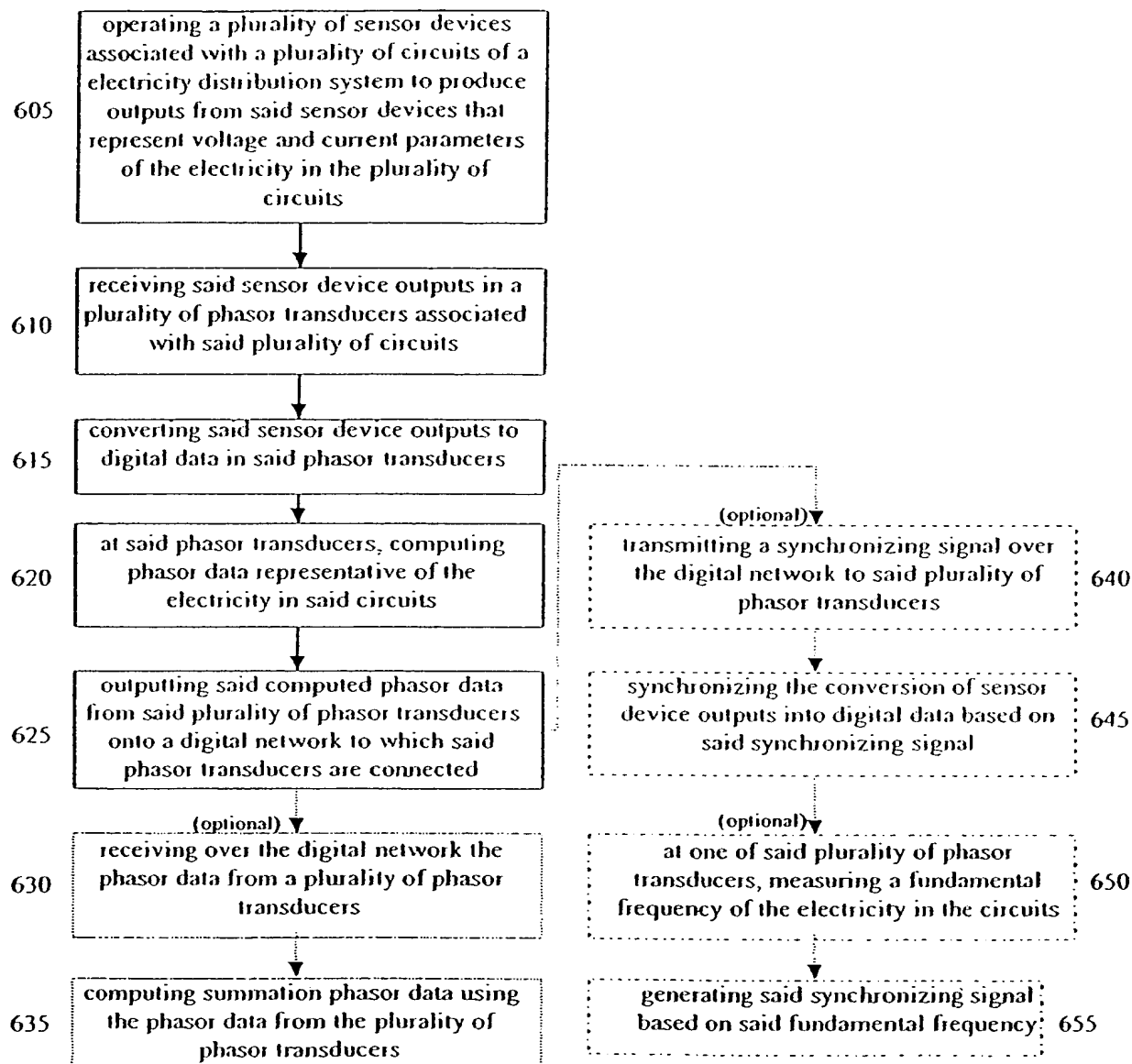


FIG. 7

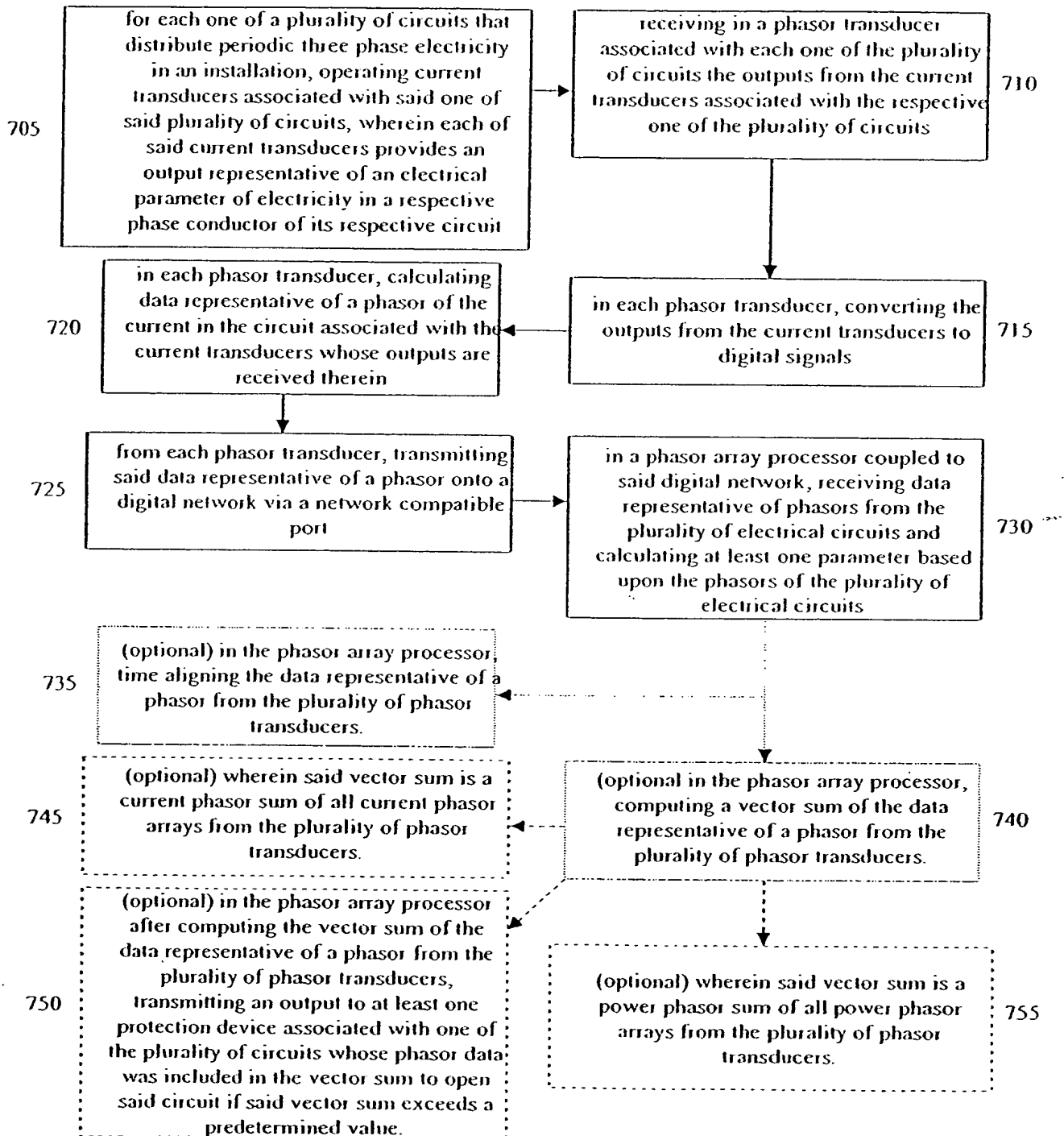


FIG. 8

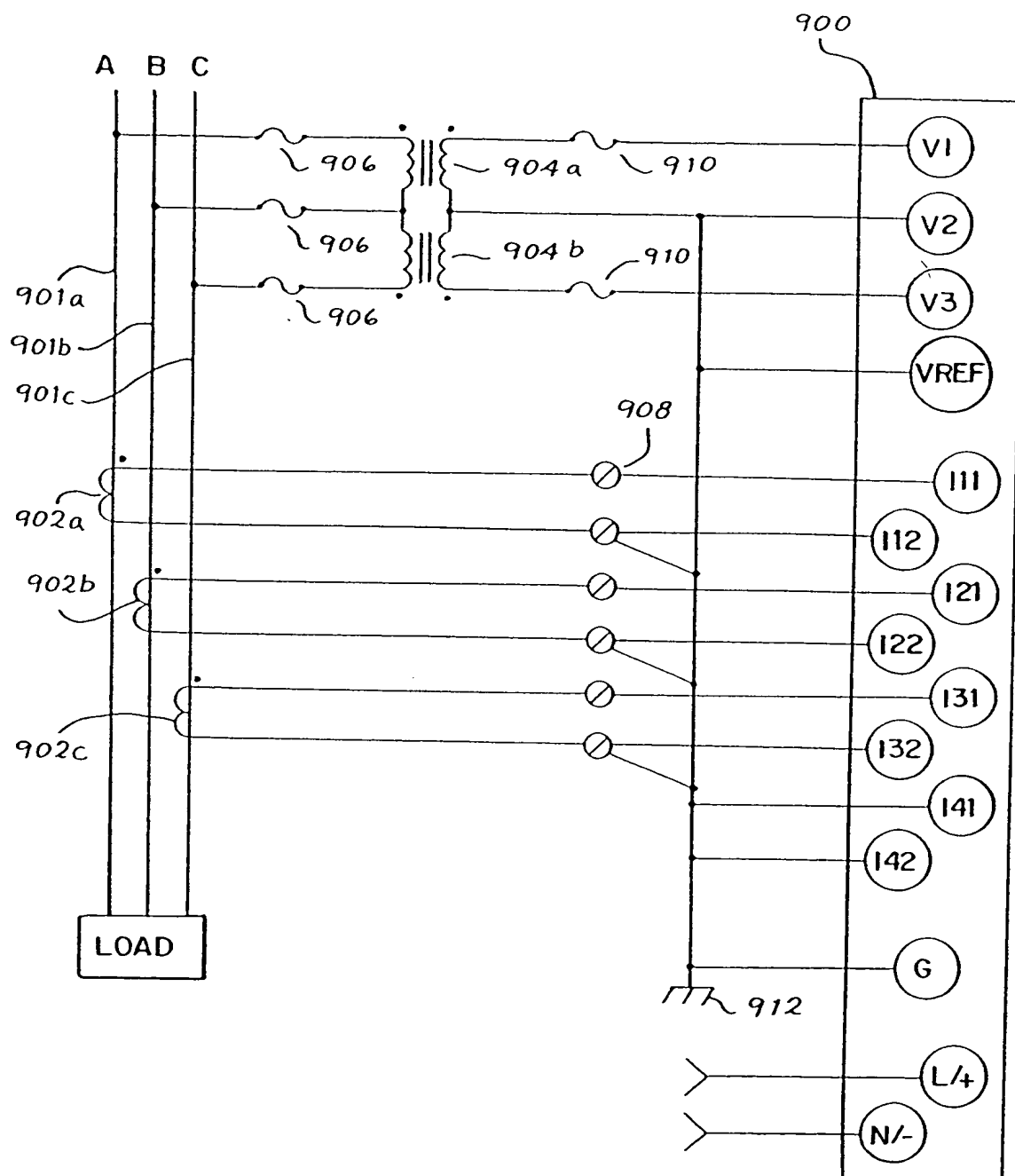


FIG. 9

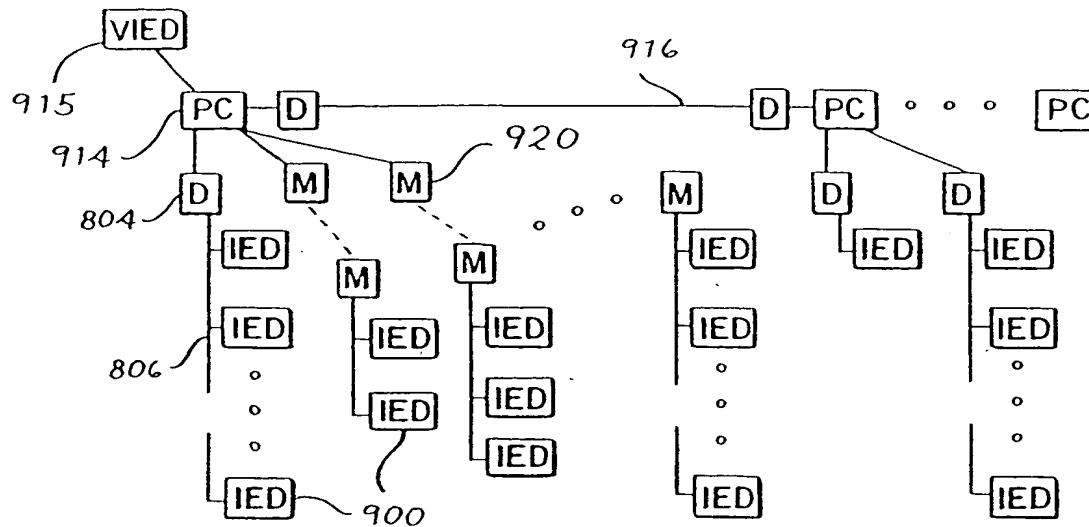


FIG. 11

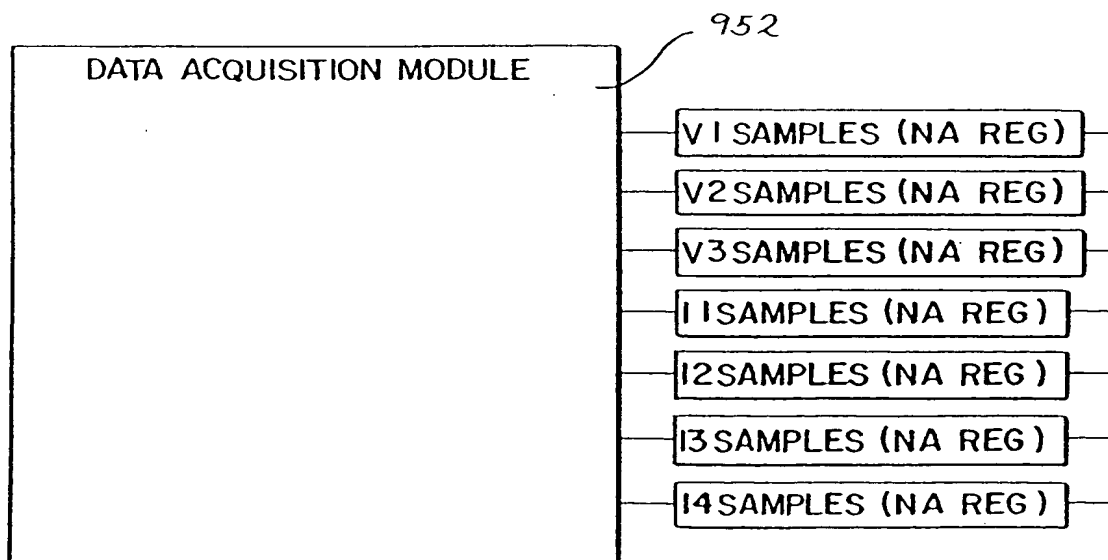
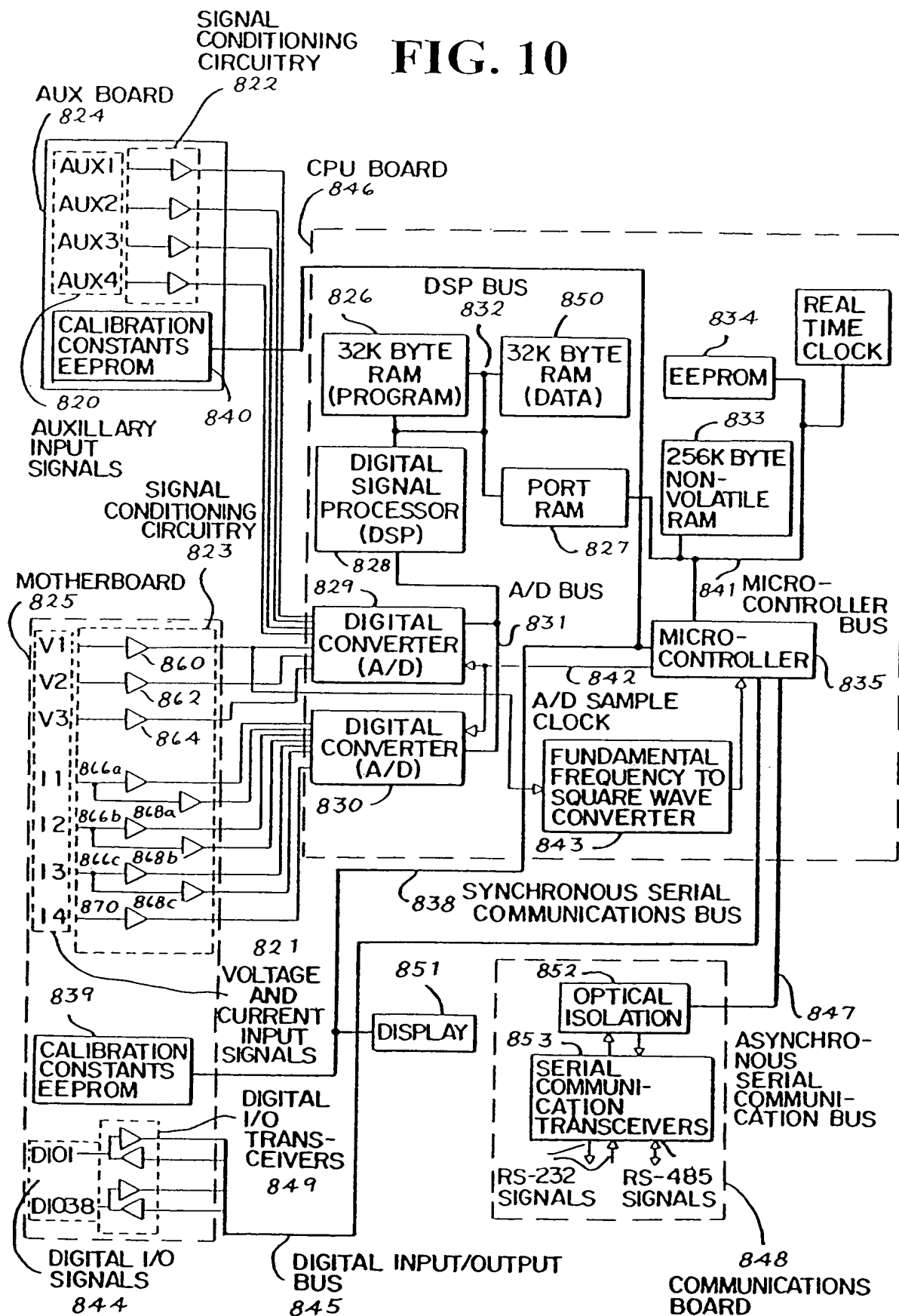


FIG. 10



DATA ACQUISITION
MODULE
OPERATION (CLIENT
PORTION)

FIG. 11A

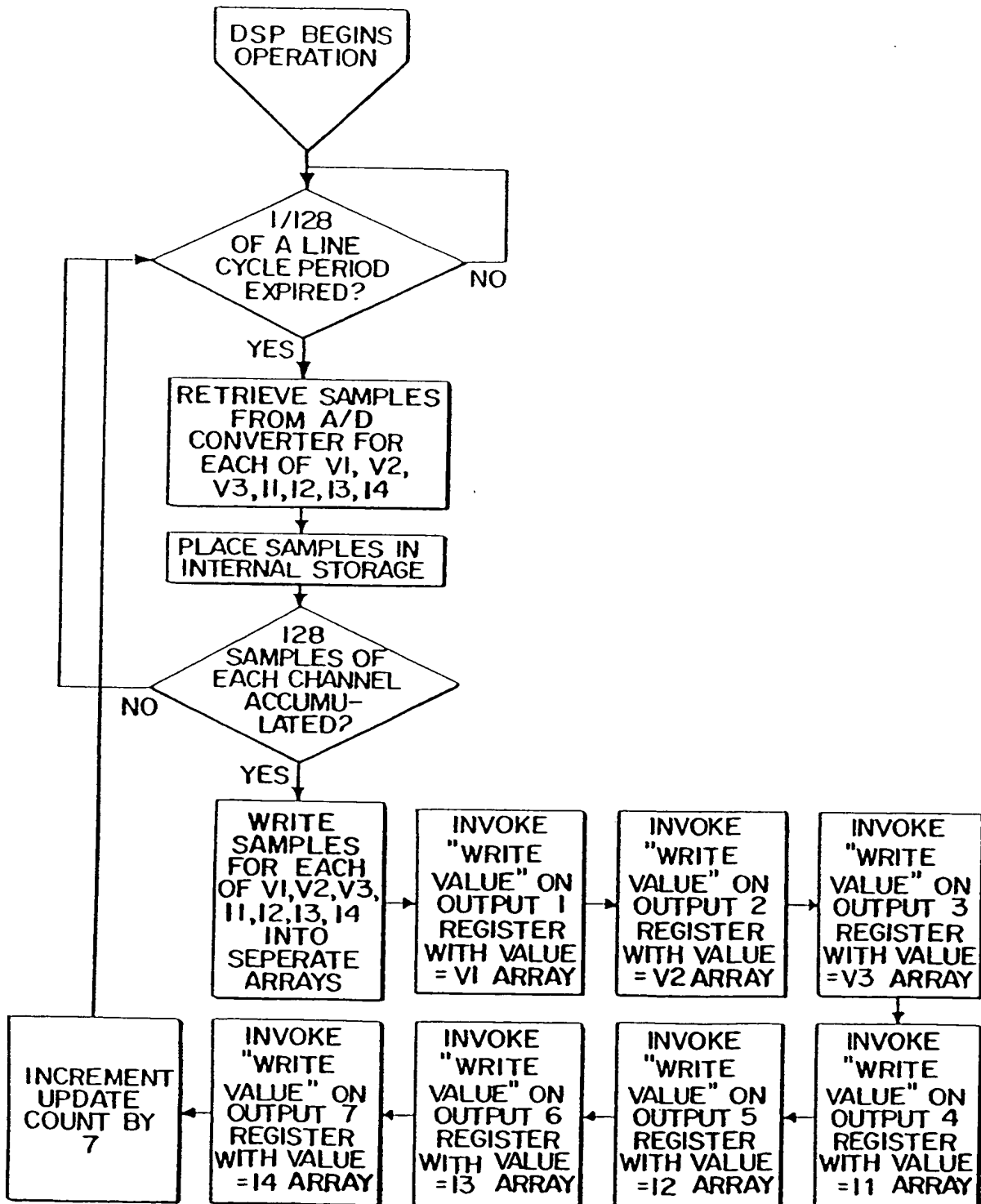
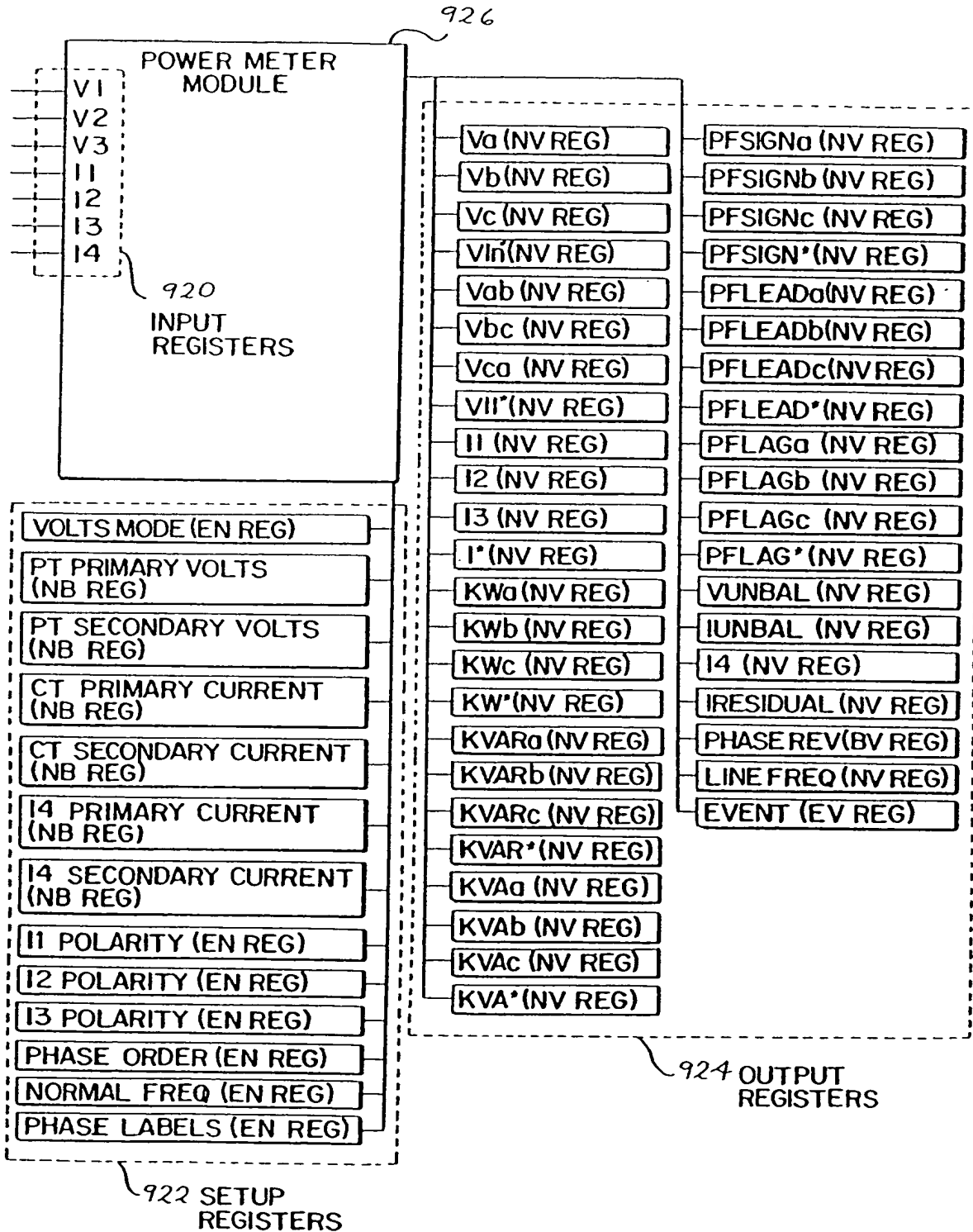
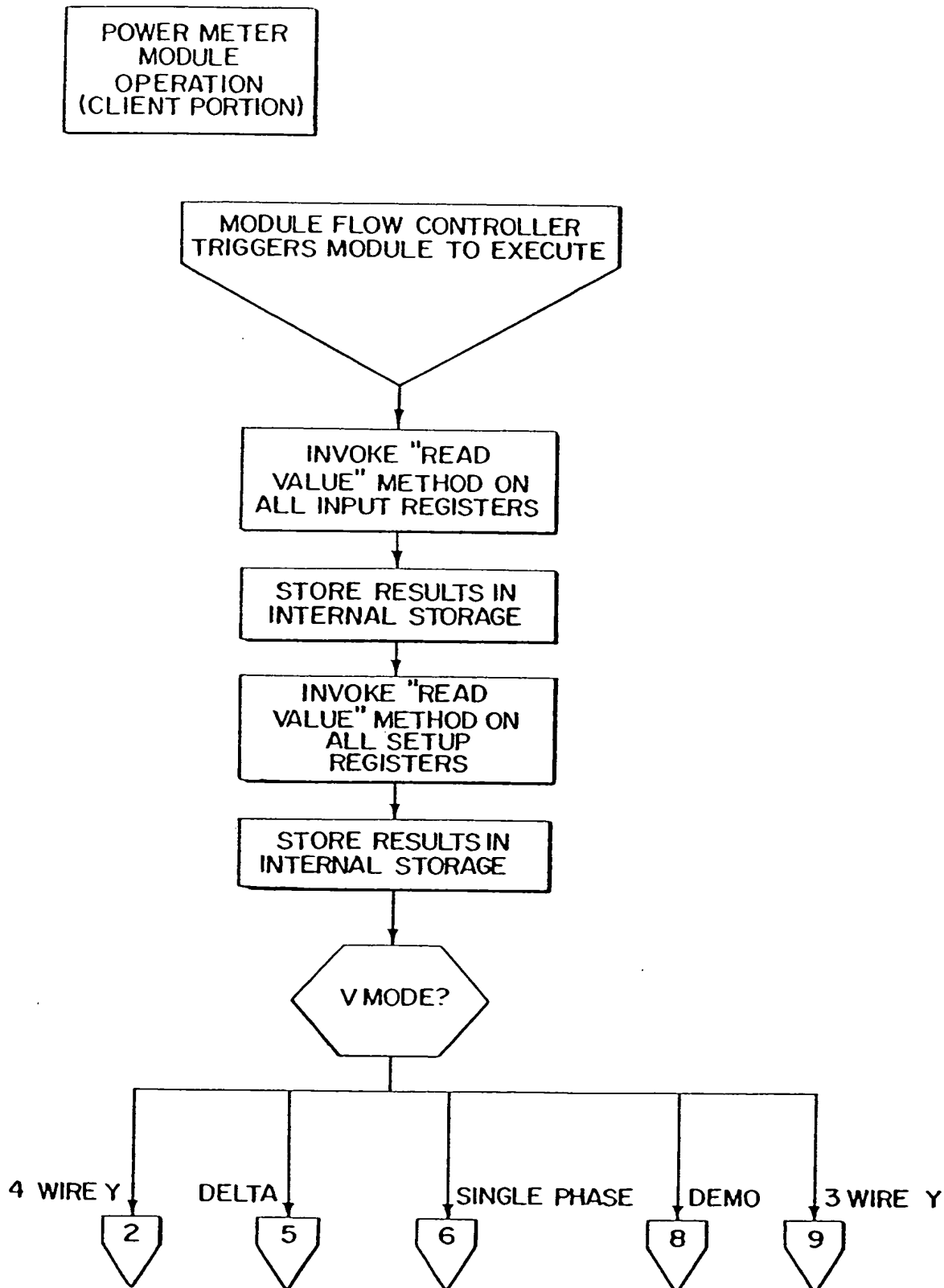


FIG. 12



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FIG. 12A



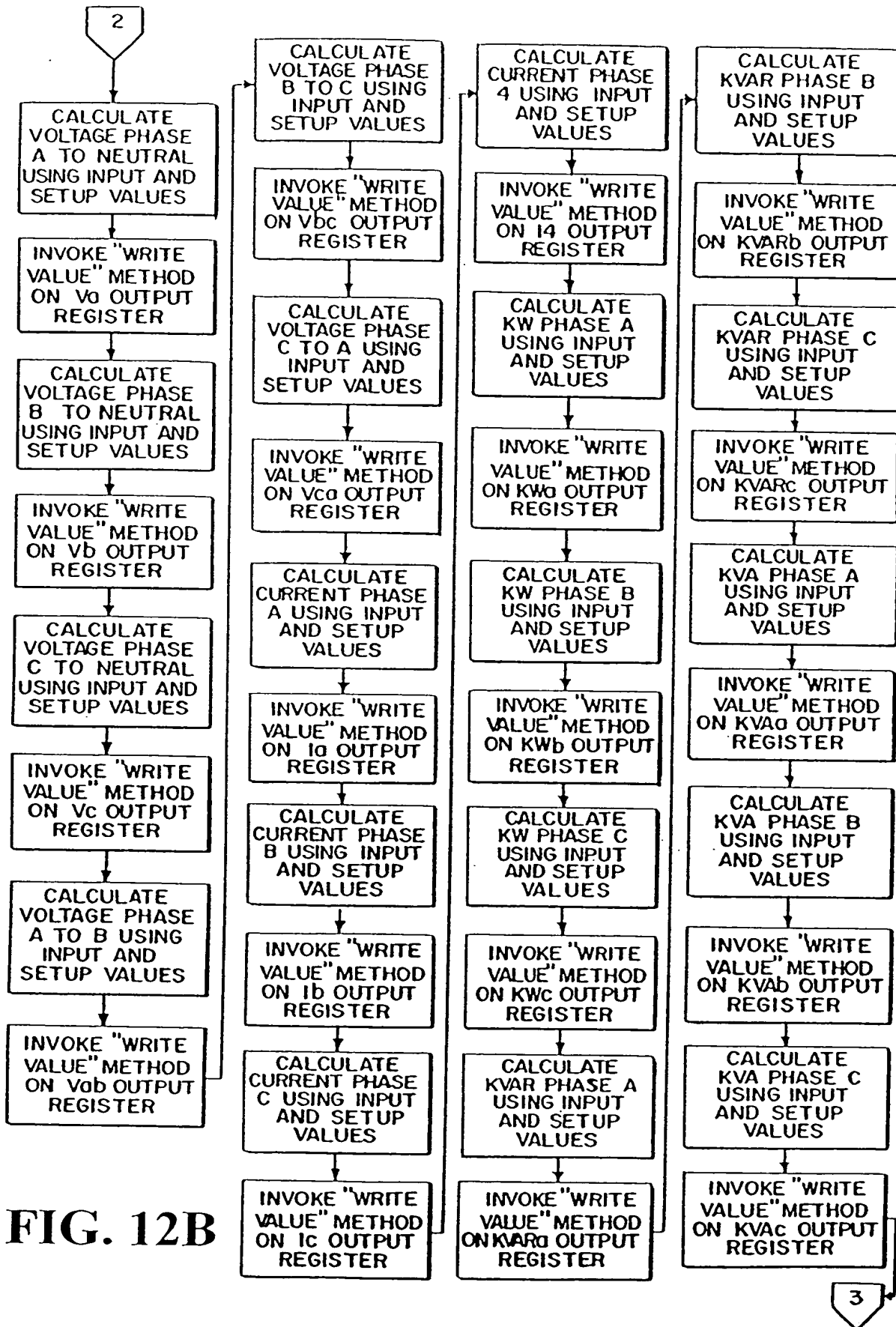


FIG. 12C

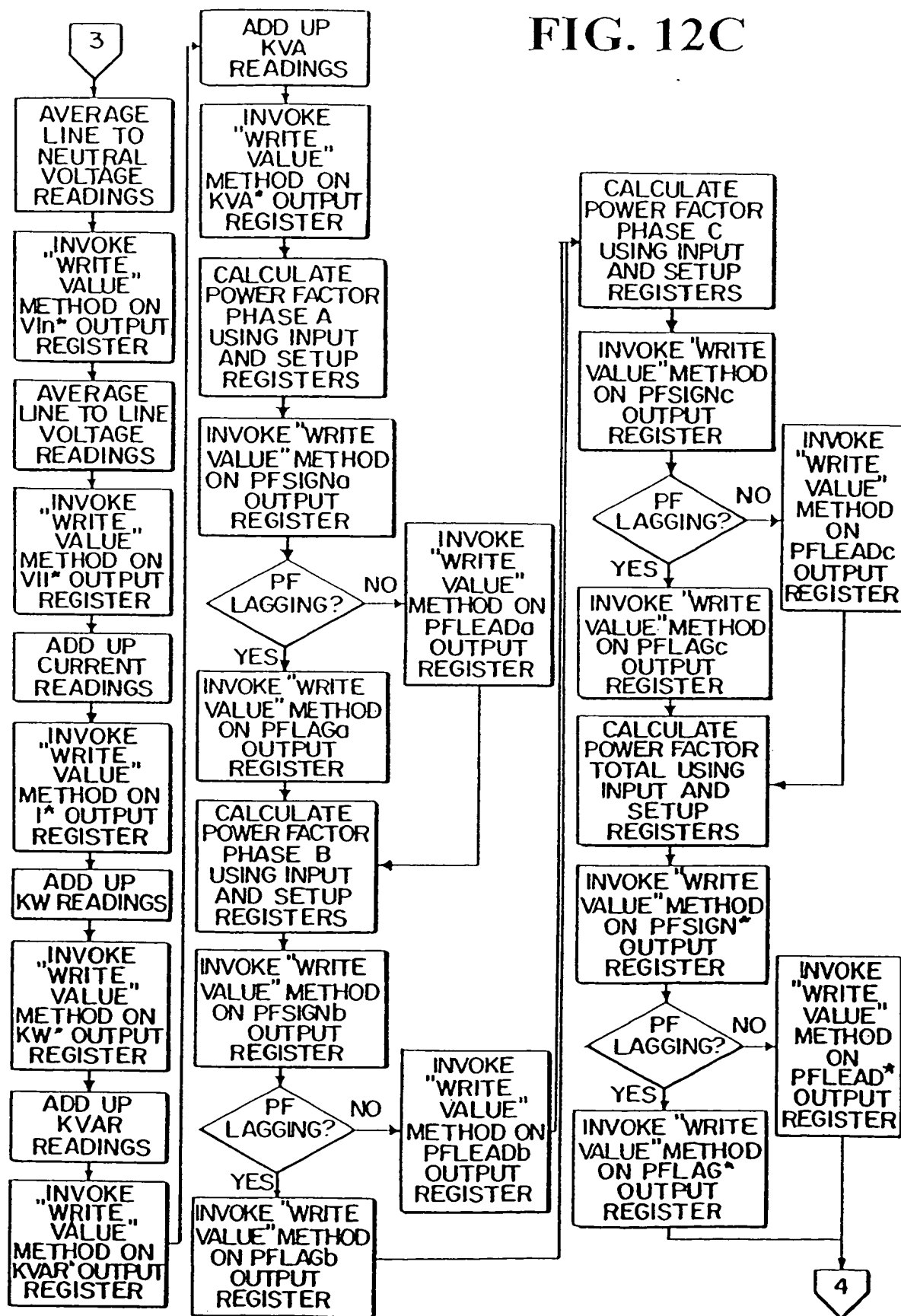


FIG. 12D

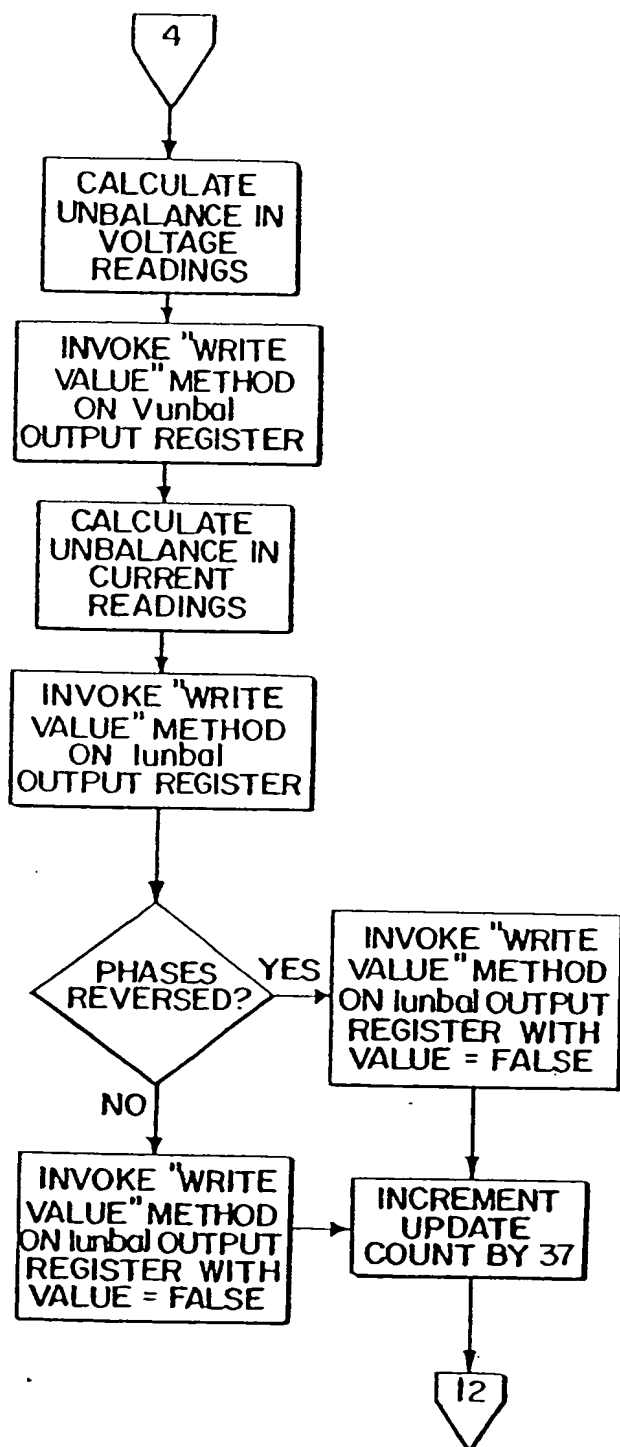


FIG. 12H

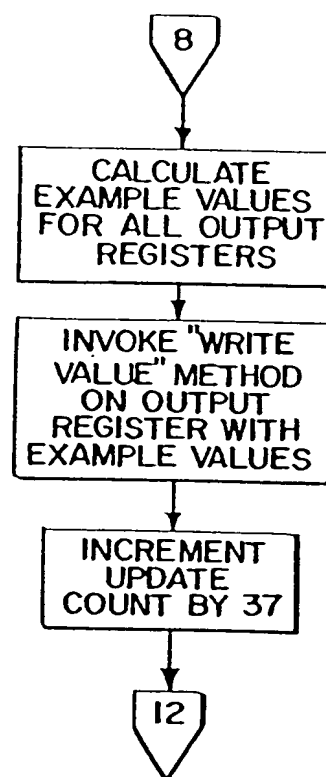


FIG. 12E

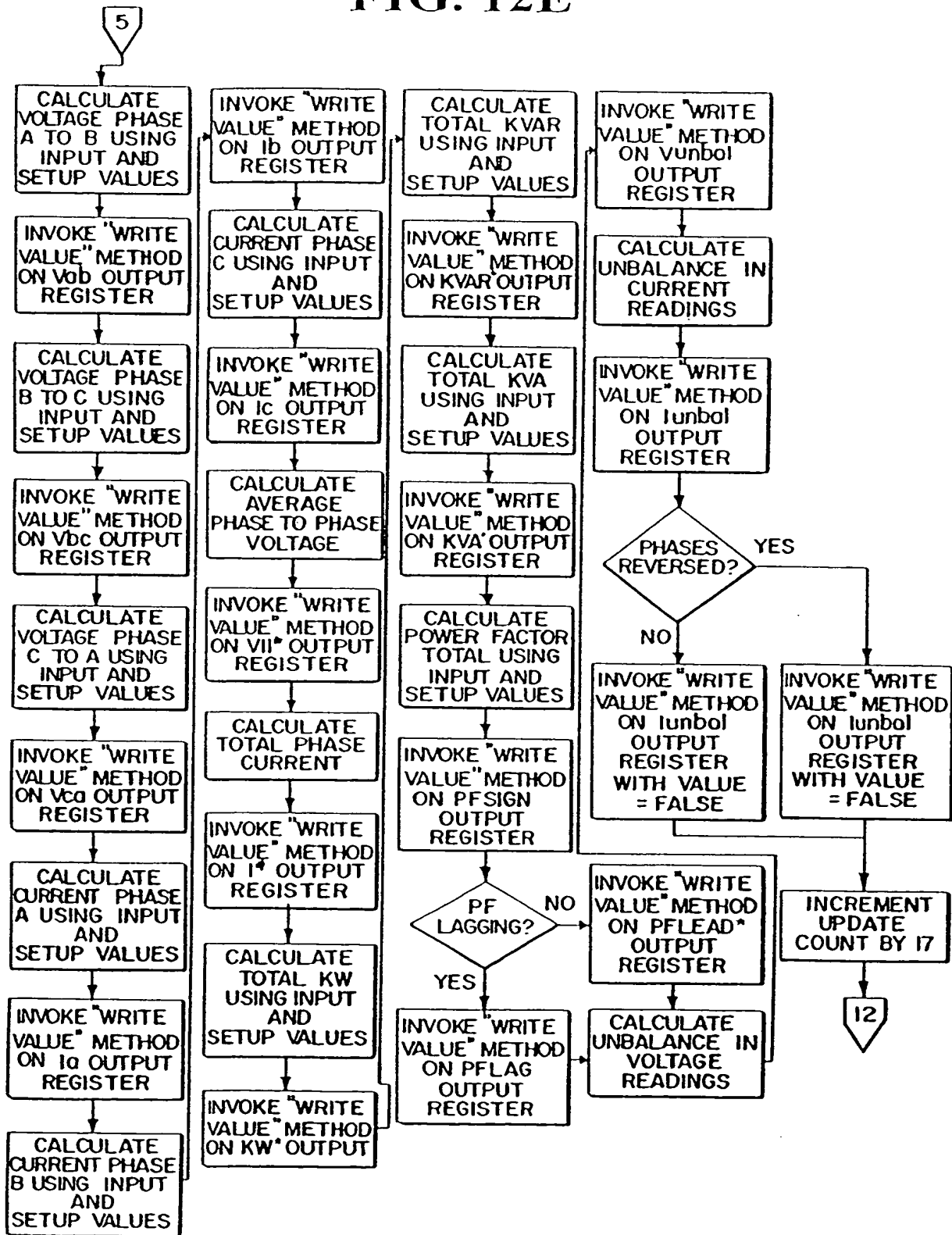


FIG. 12F

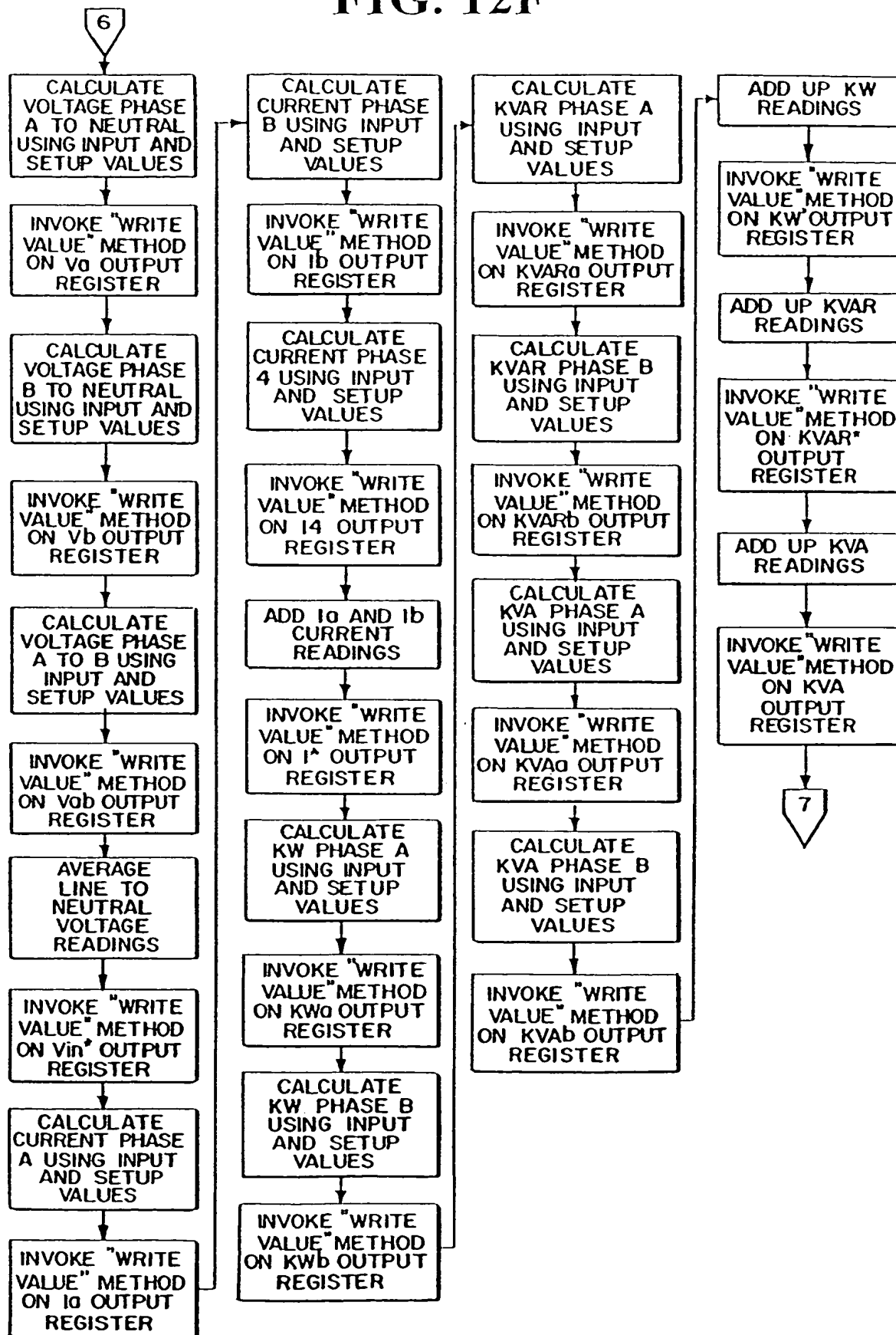
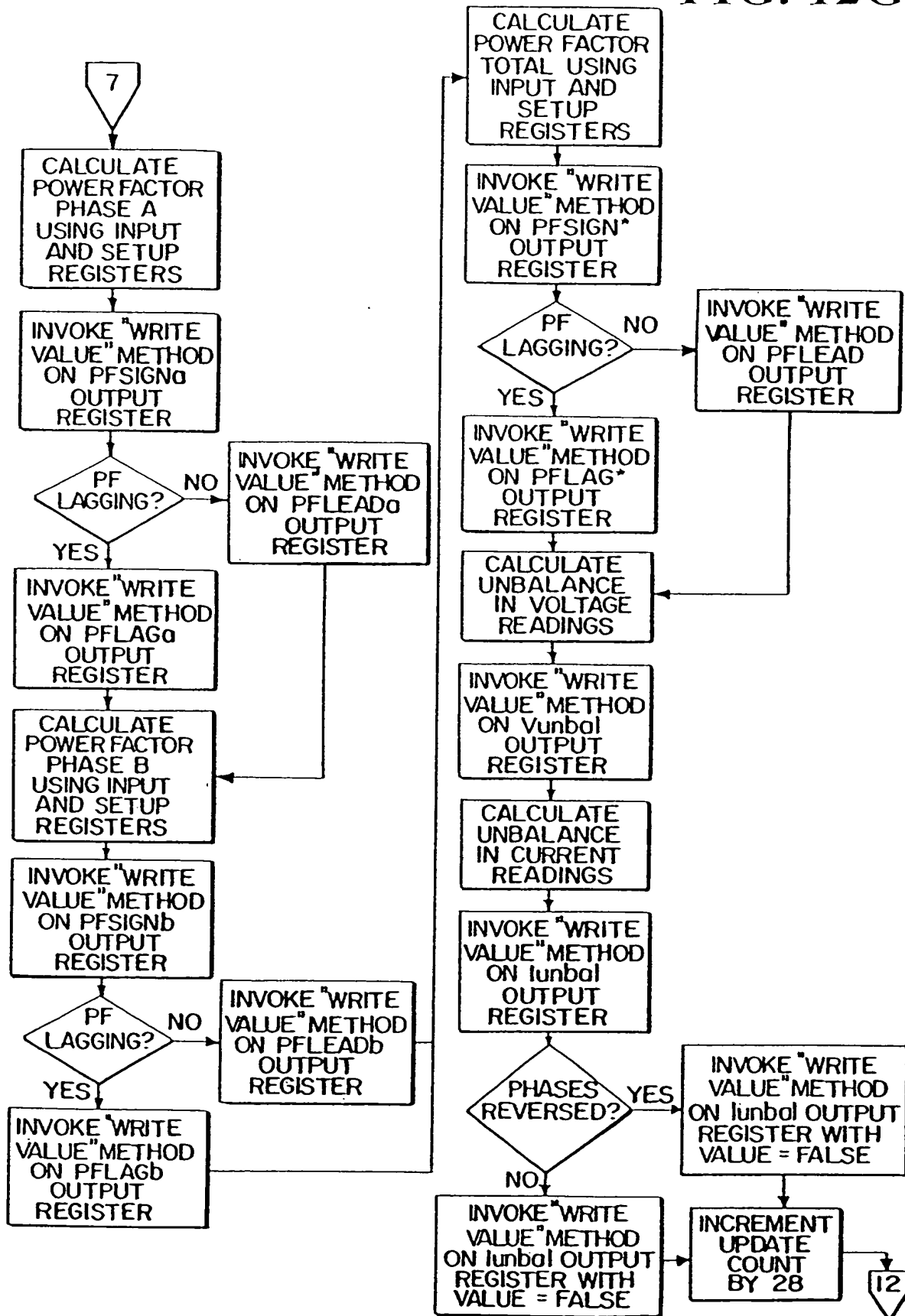


FIG. 12G



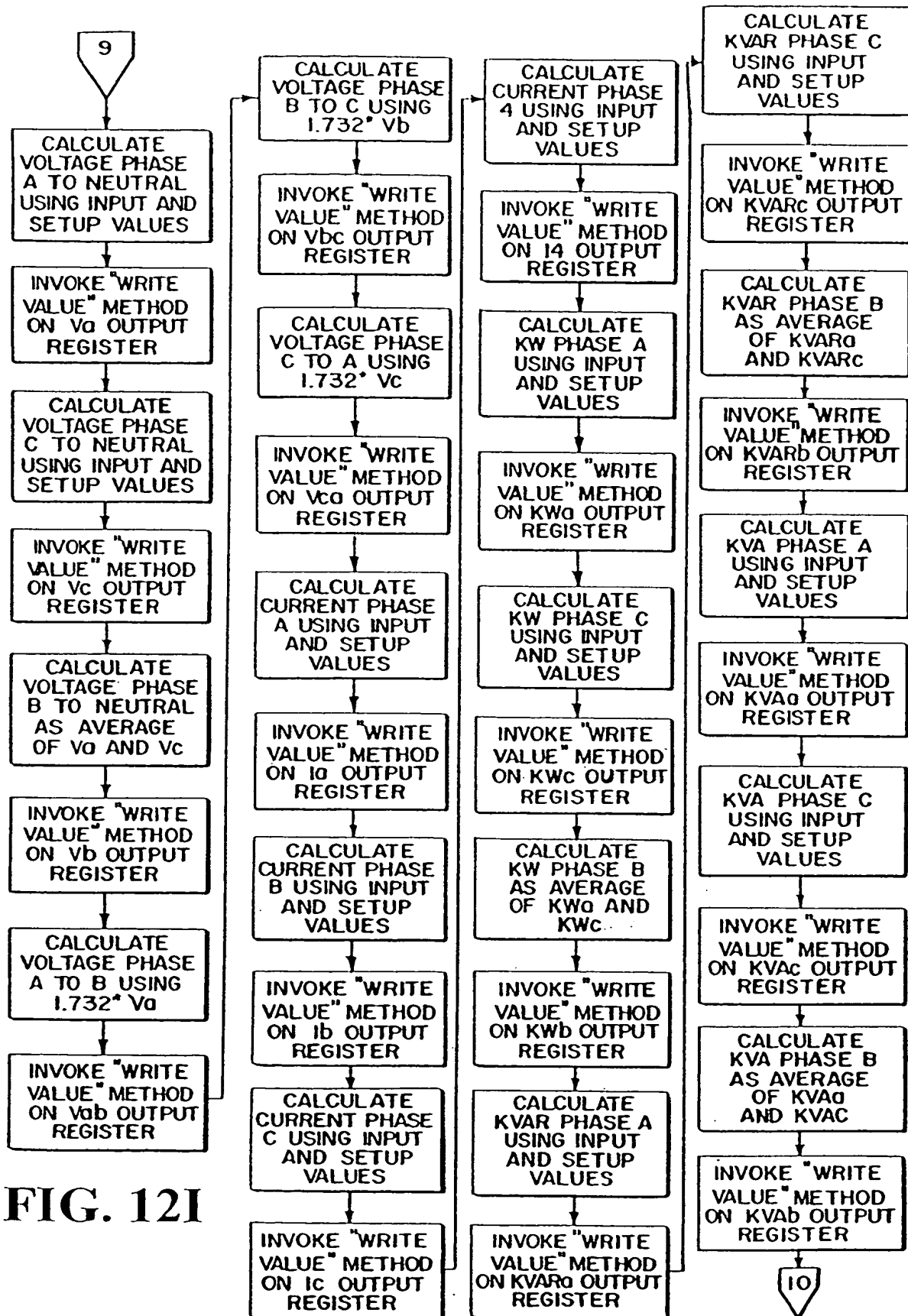


FIG. 121

FIG. 12J

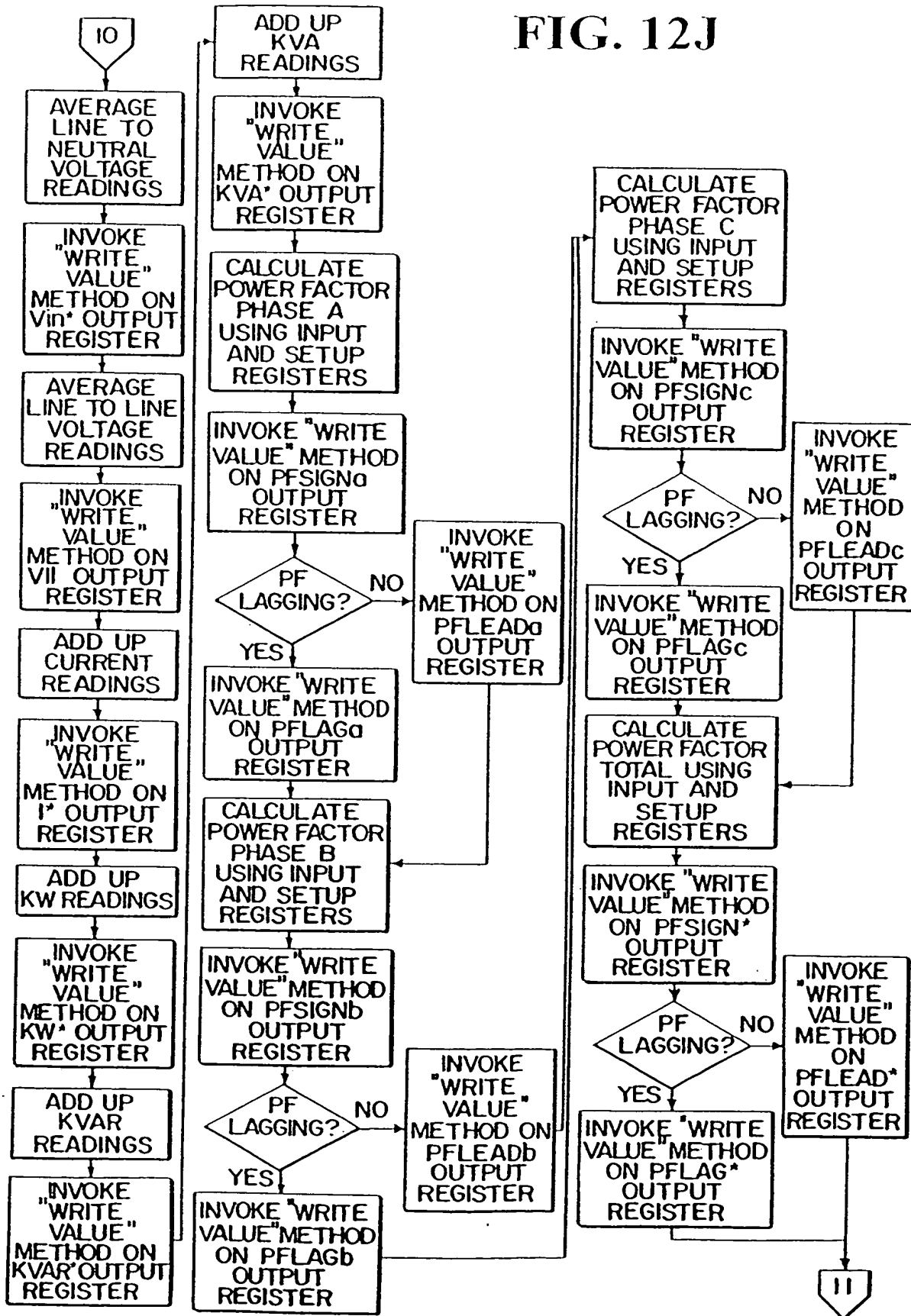


FIG. 12K

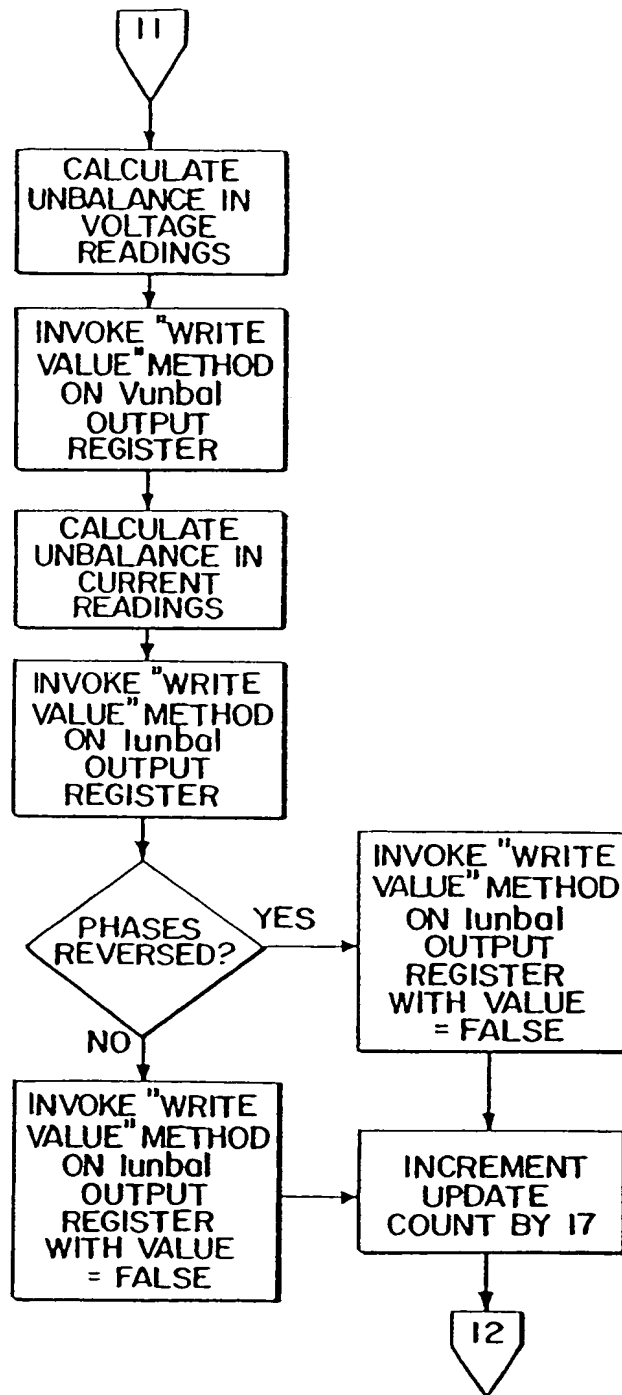


FIG. 12L

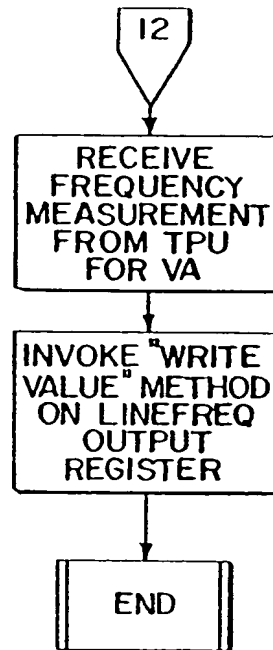


FIG. 13

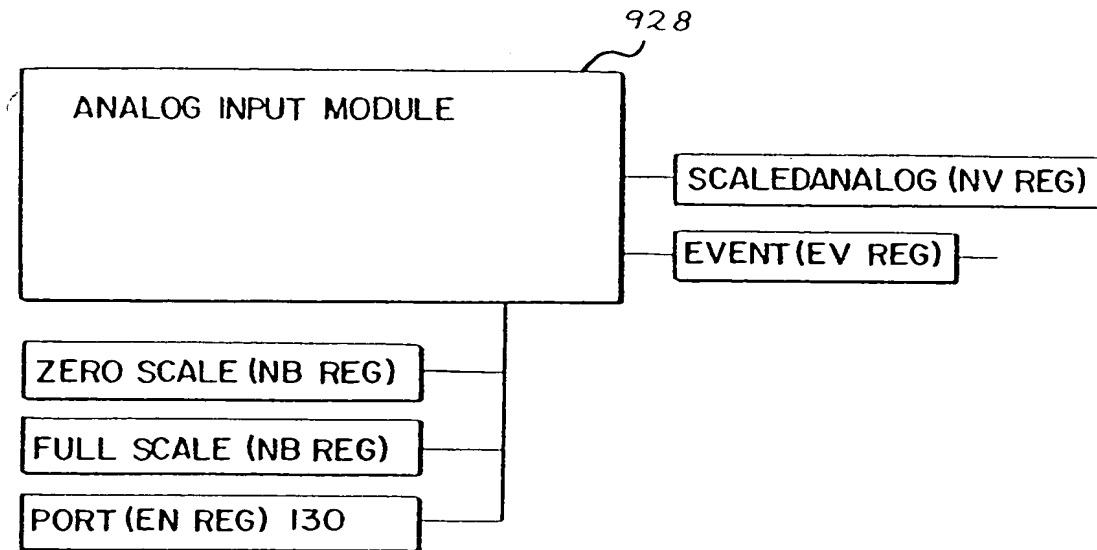


FIG. 14

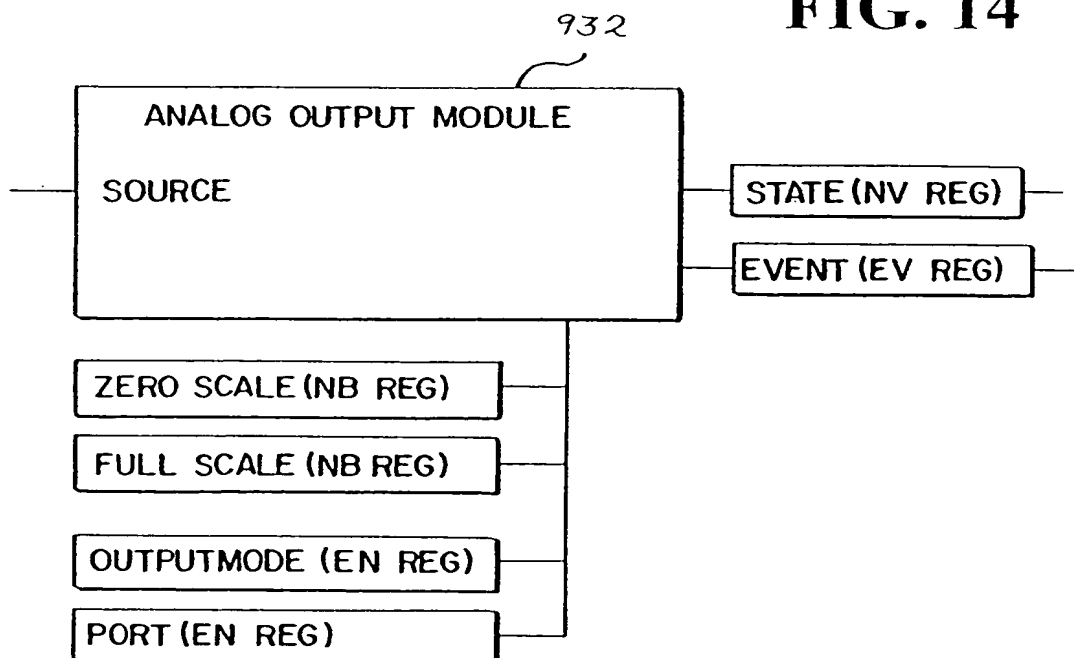
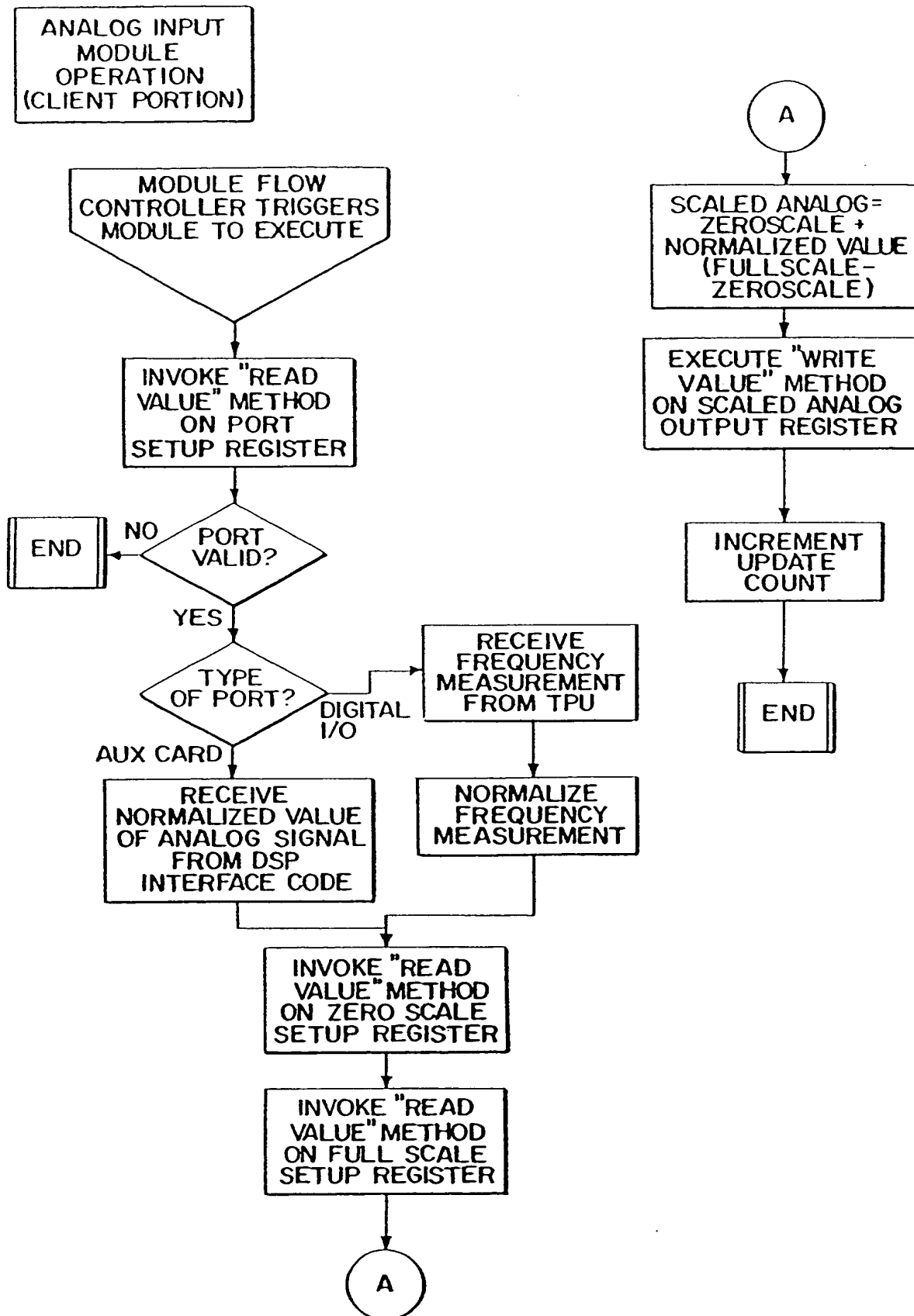


FIG. 13A



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FIG. 14A

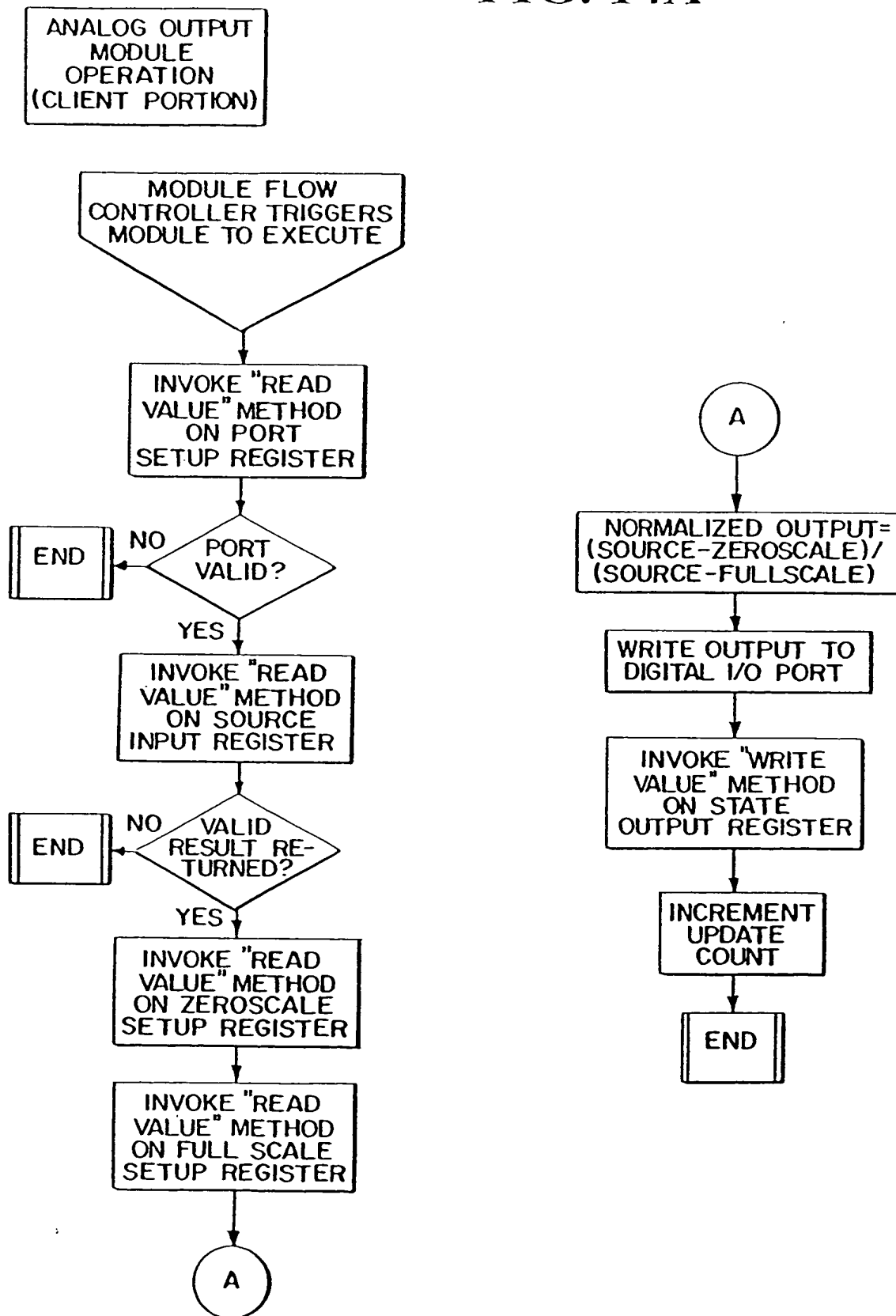


FIG. 15

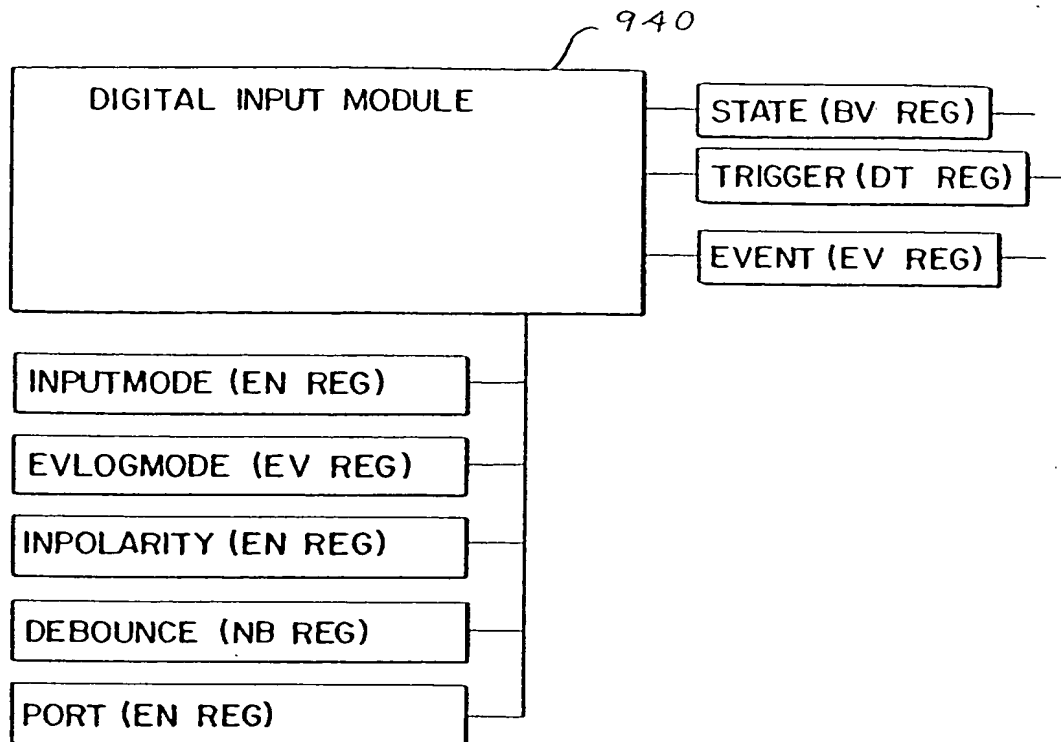


FIG. 16

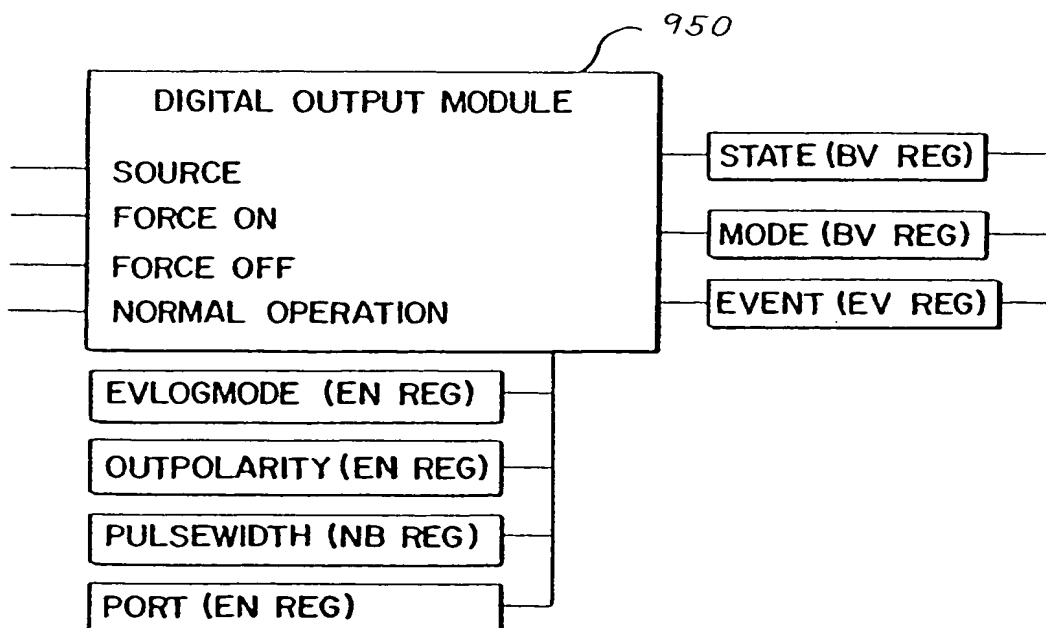


FIG. 15A

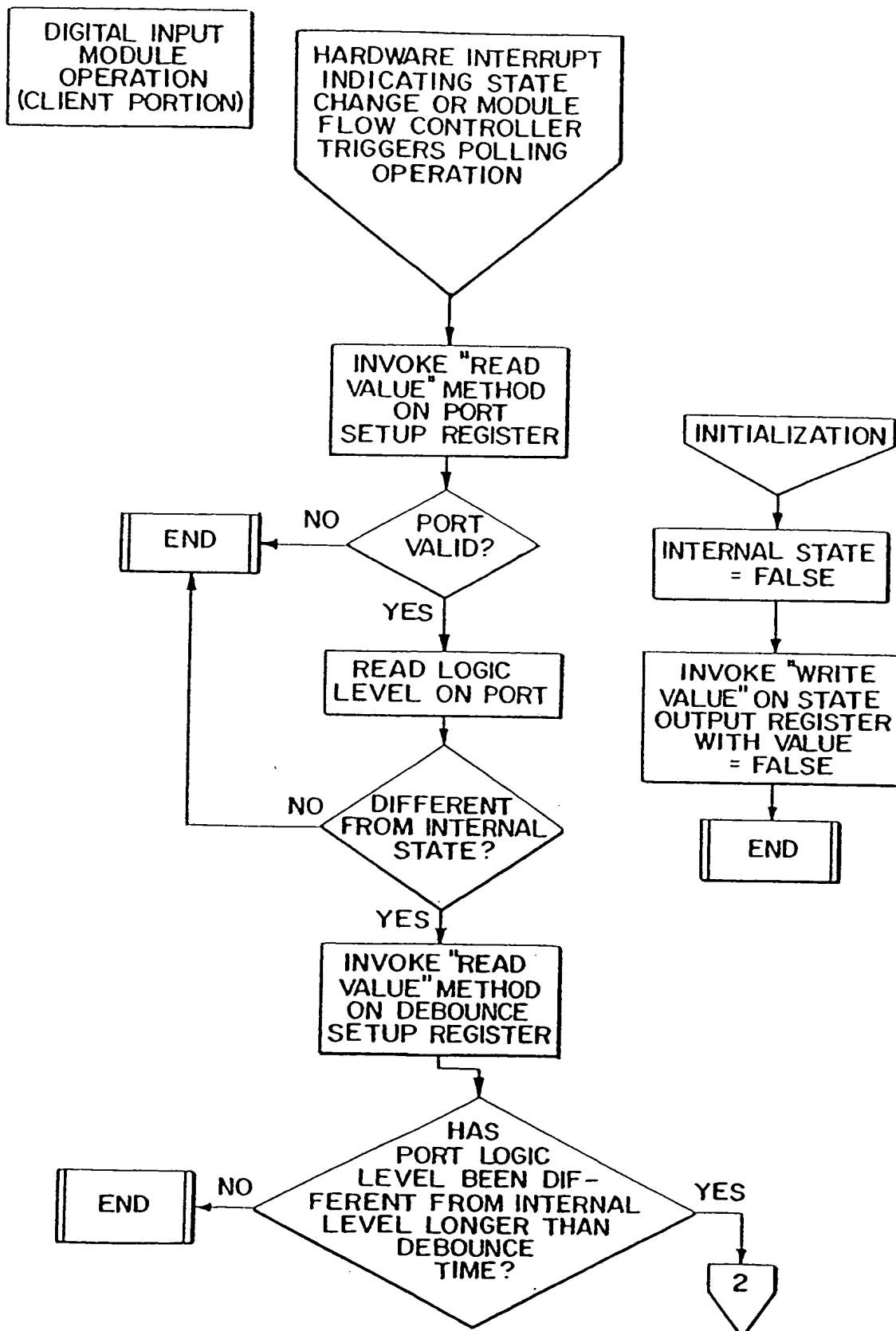


FIG. 15B

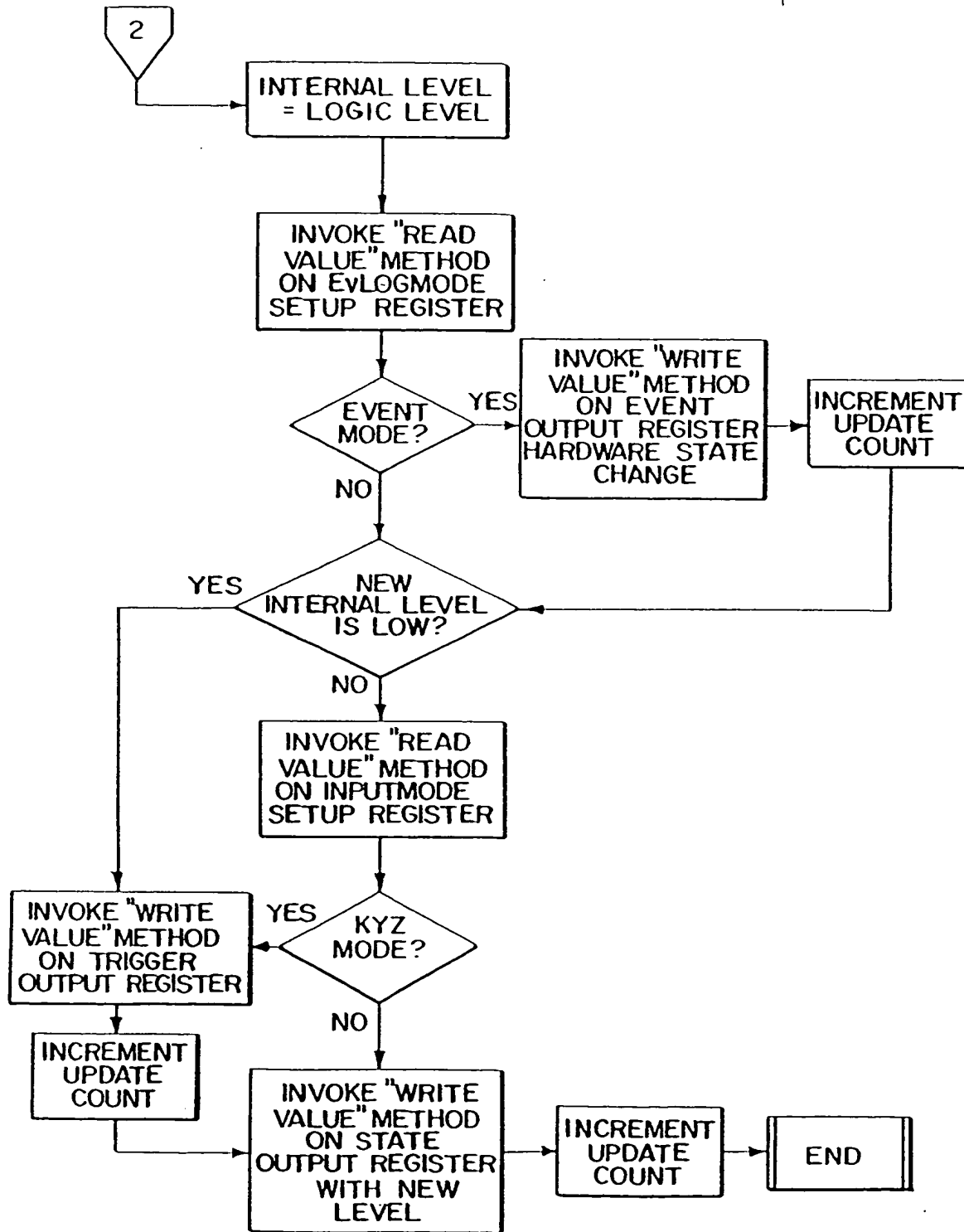


FIG. 16A

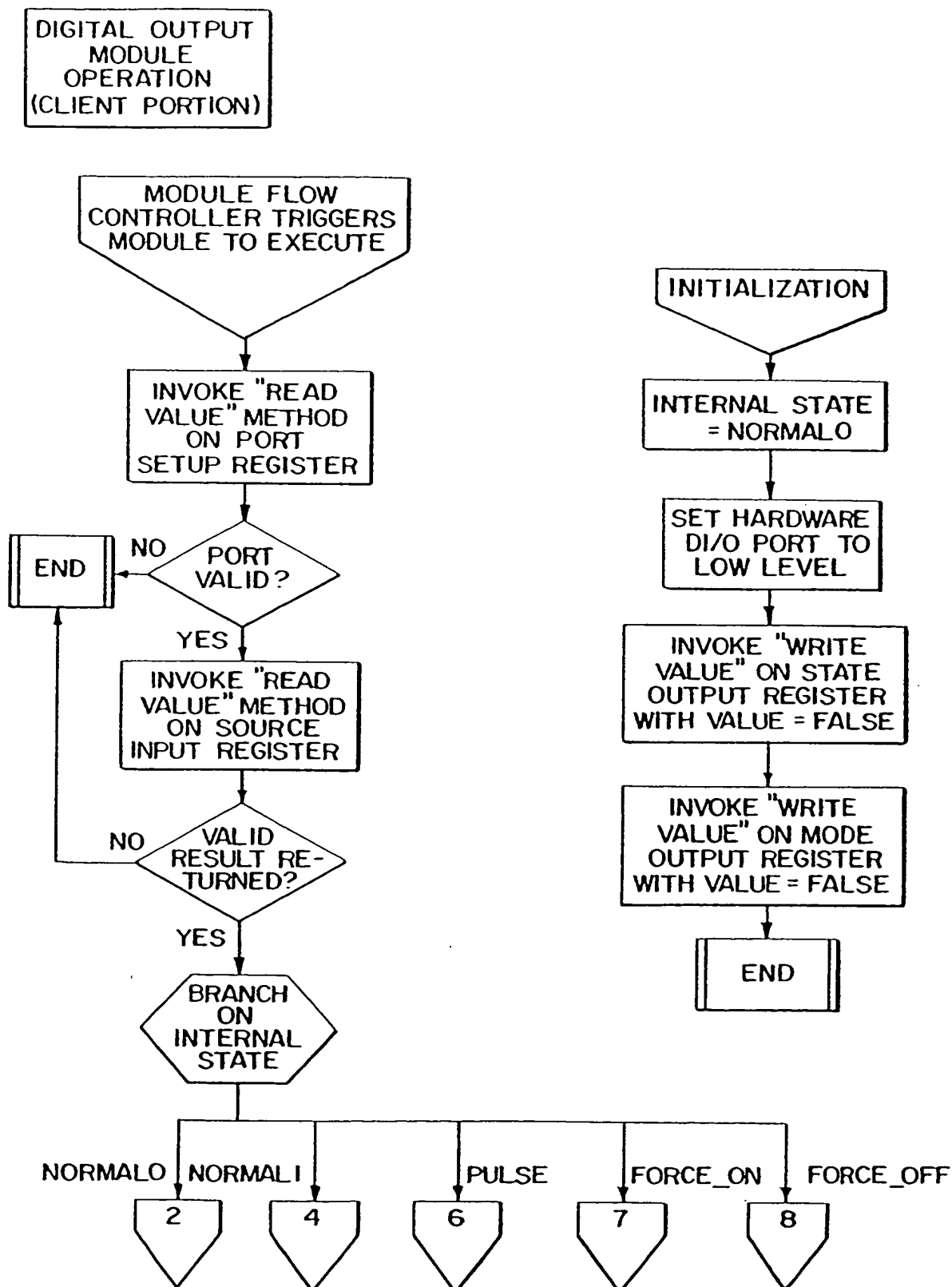


FIG. 16B

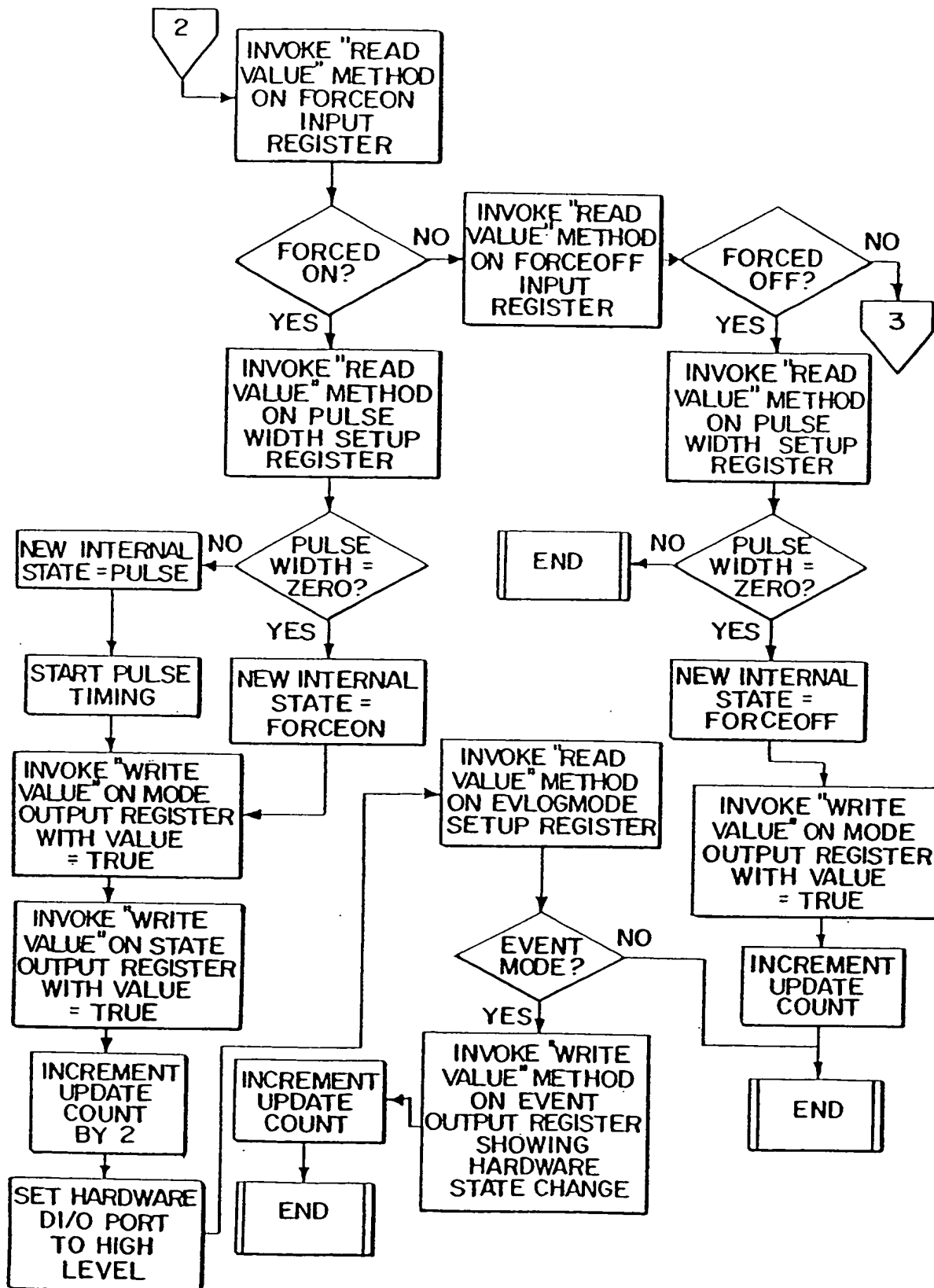


FIG. 16C

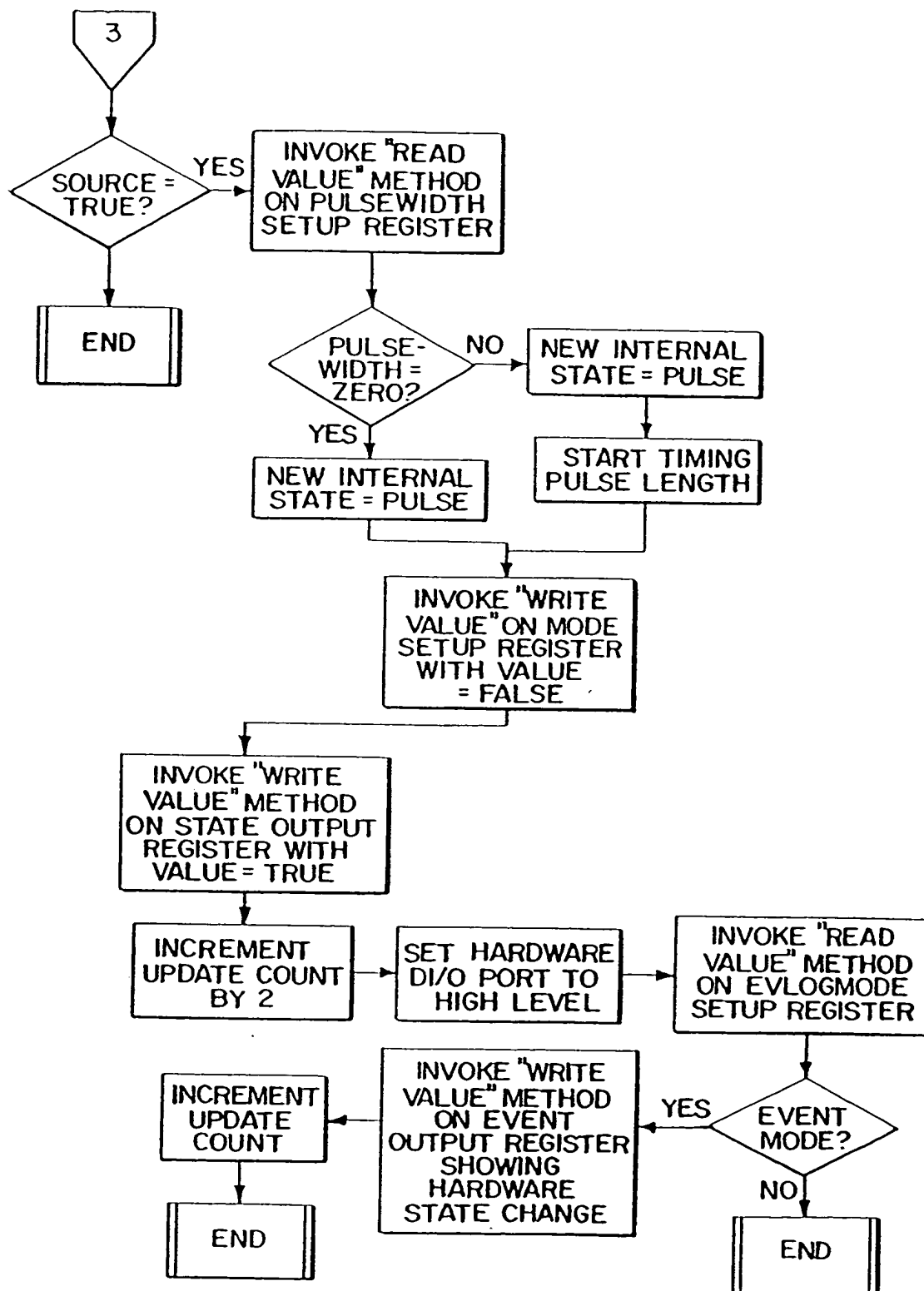


FIG. 16D

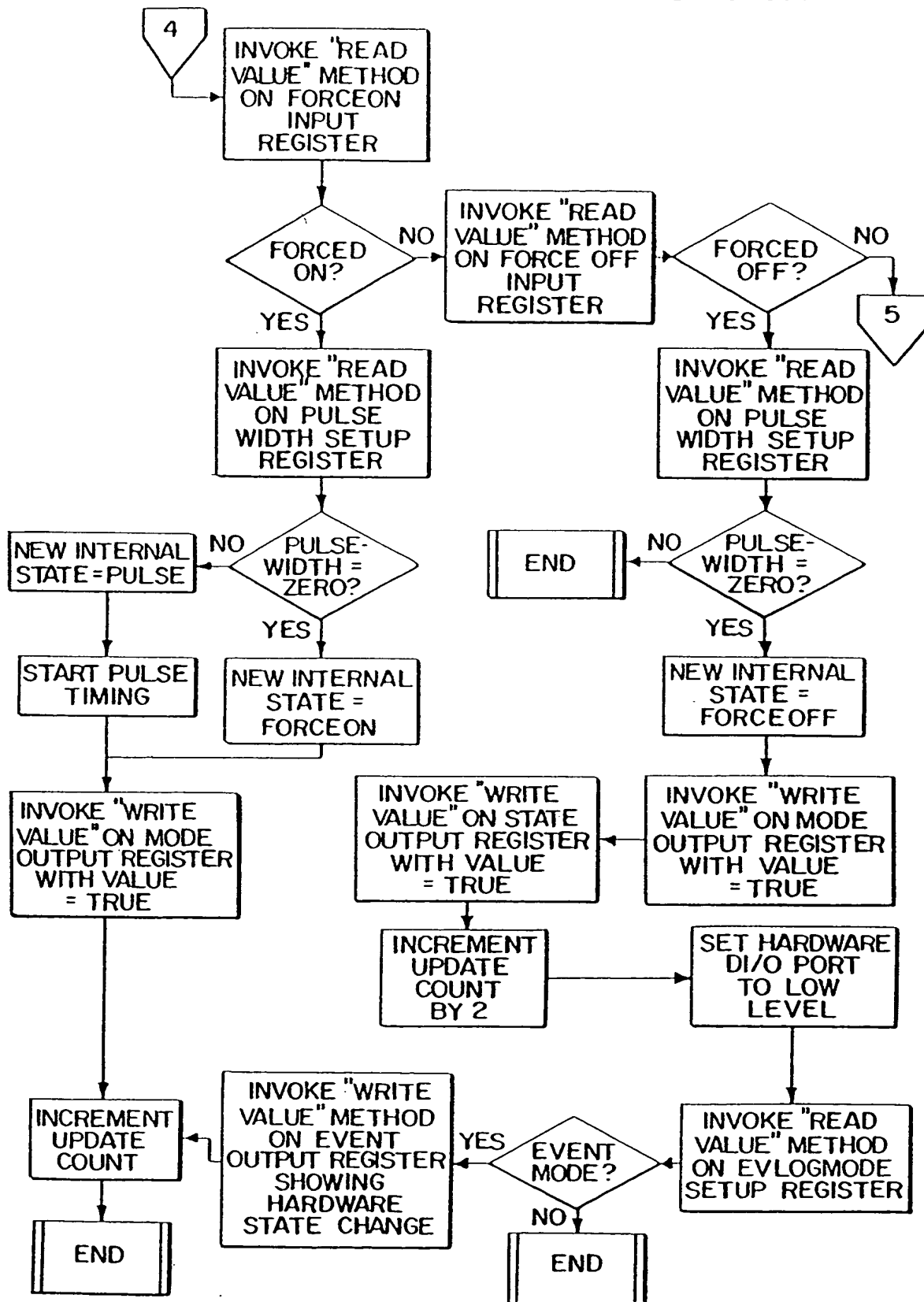


FIG. 16E

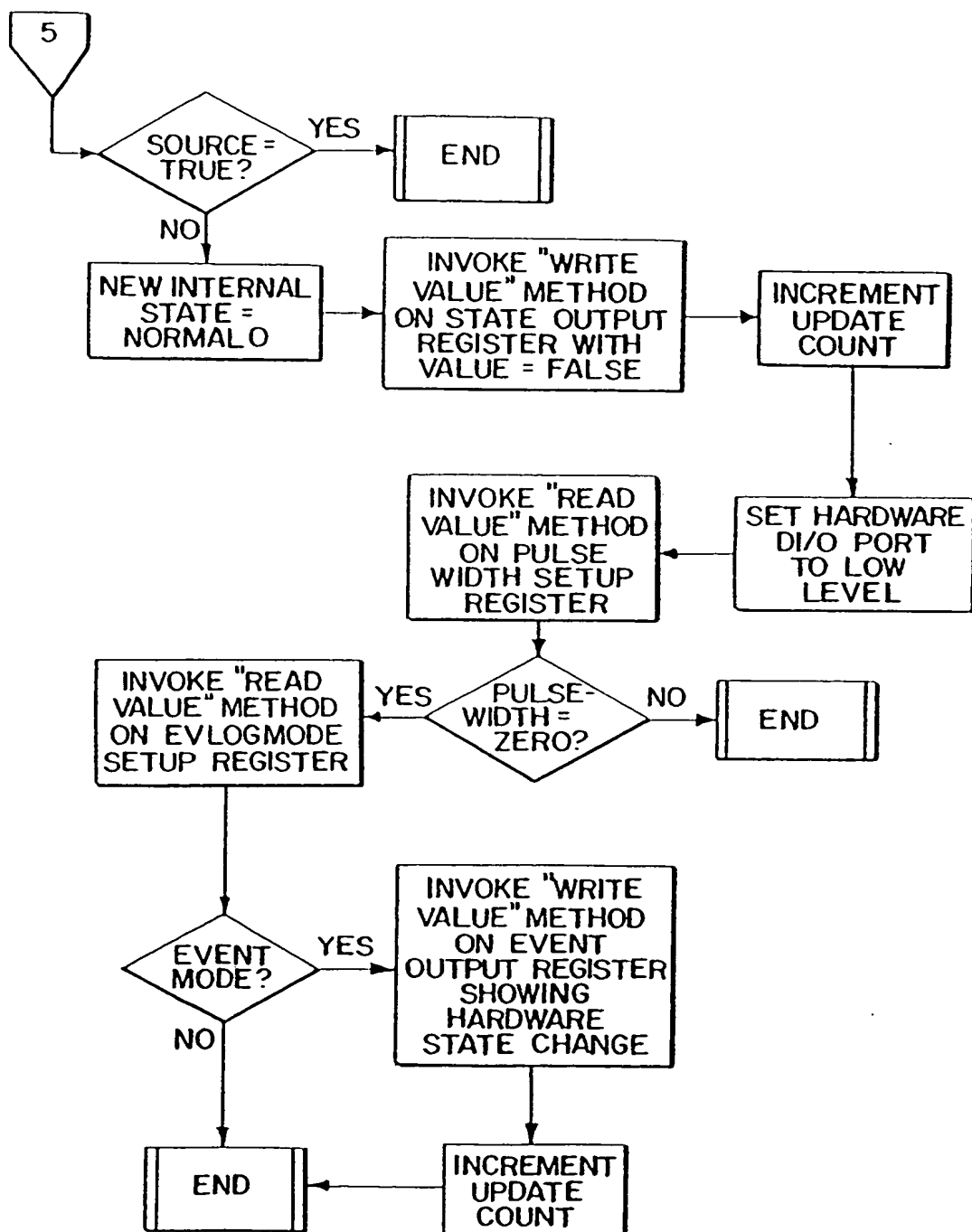


FIG. 16F

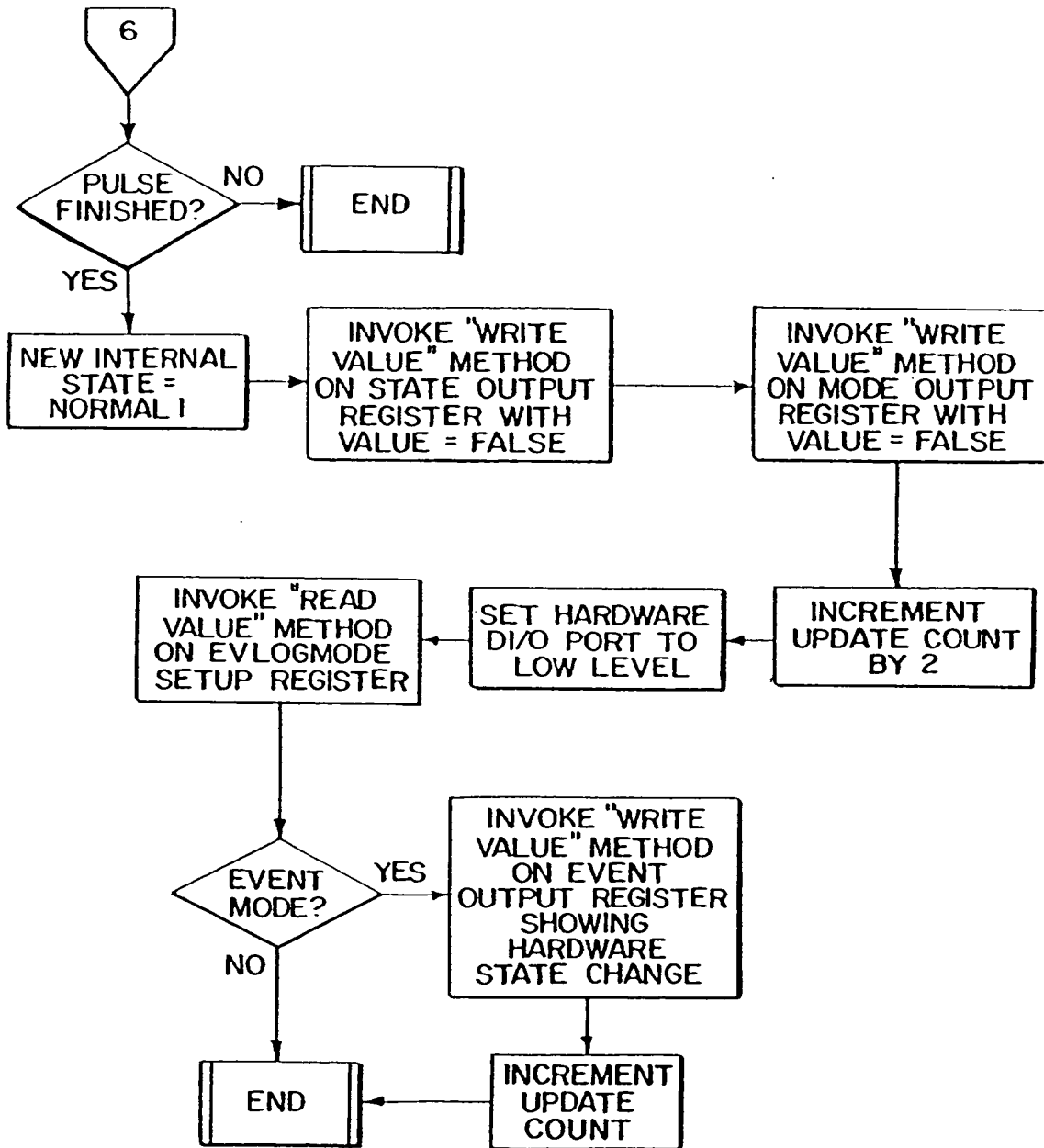


FIG. 16G

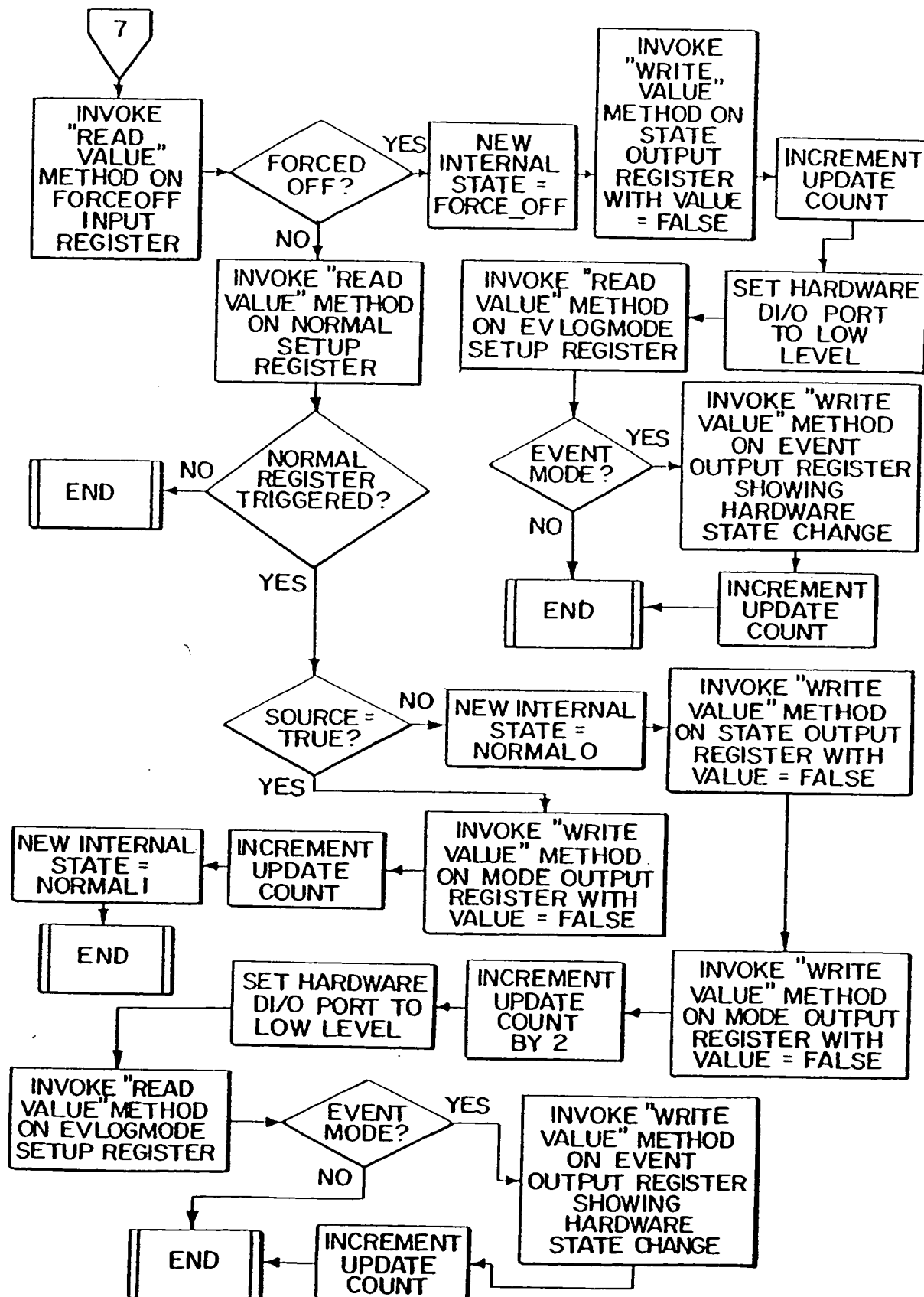


FIG. 16H

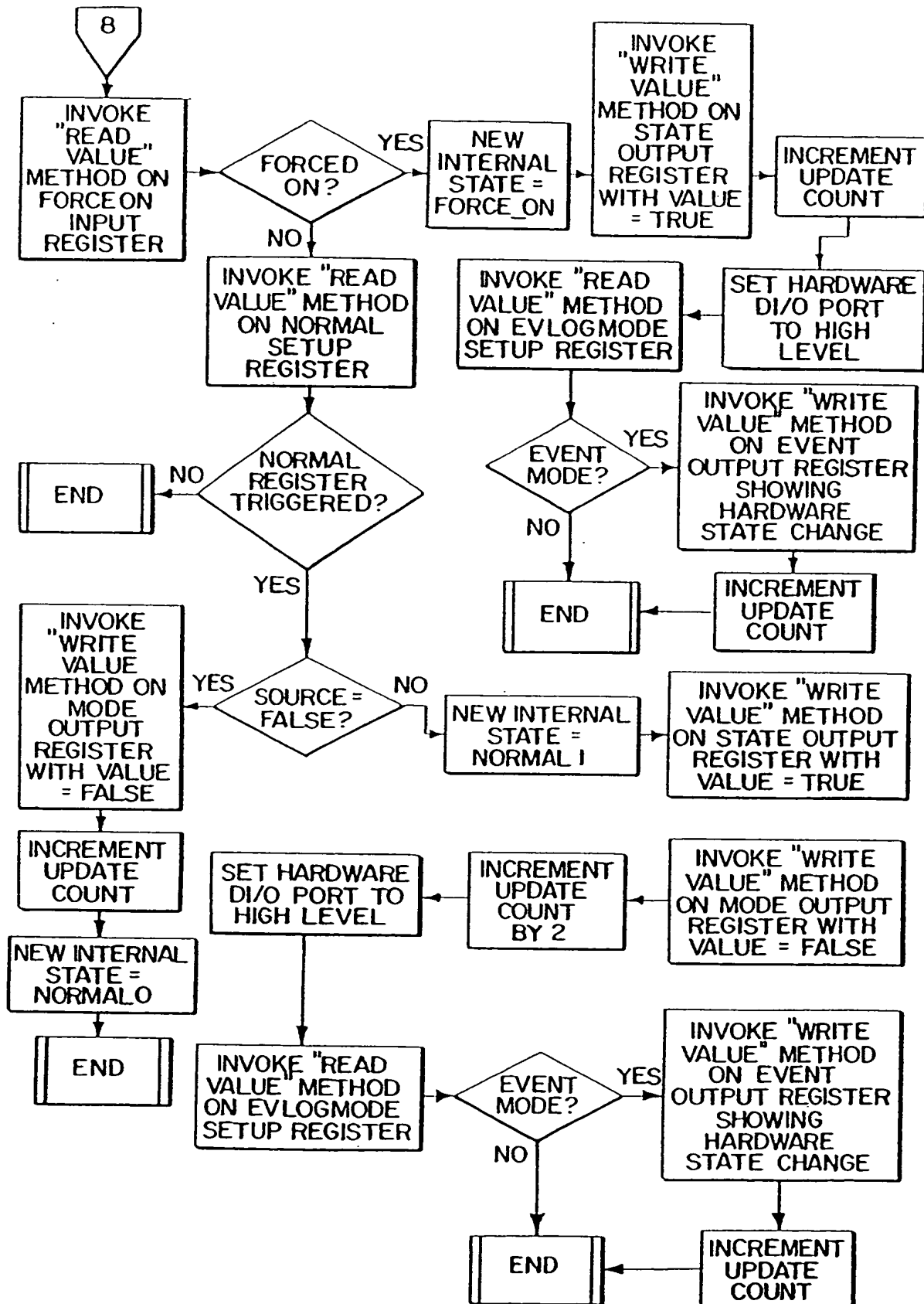


FIG. 17

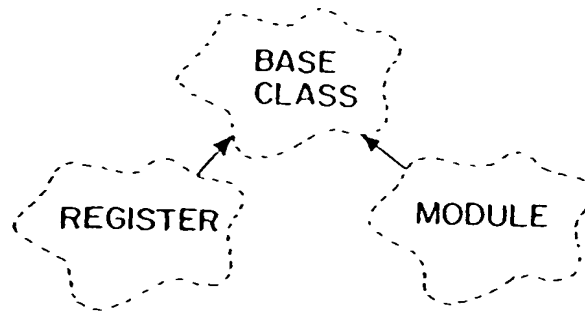
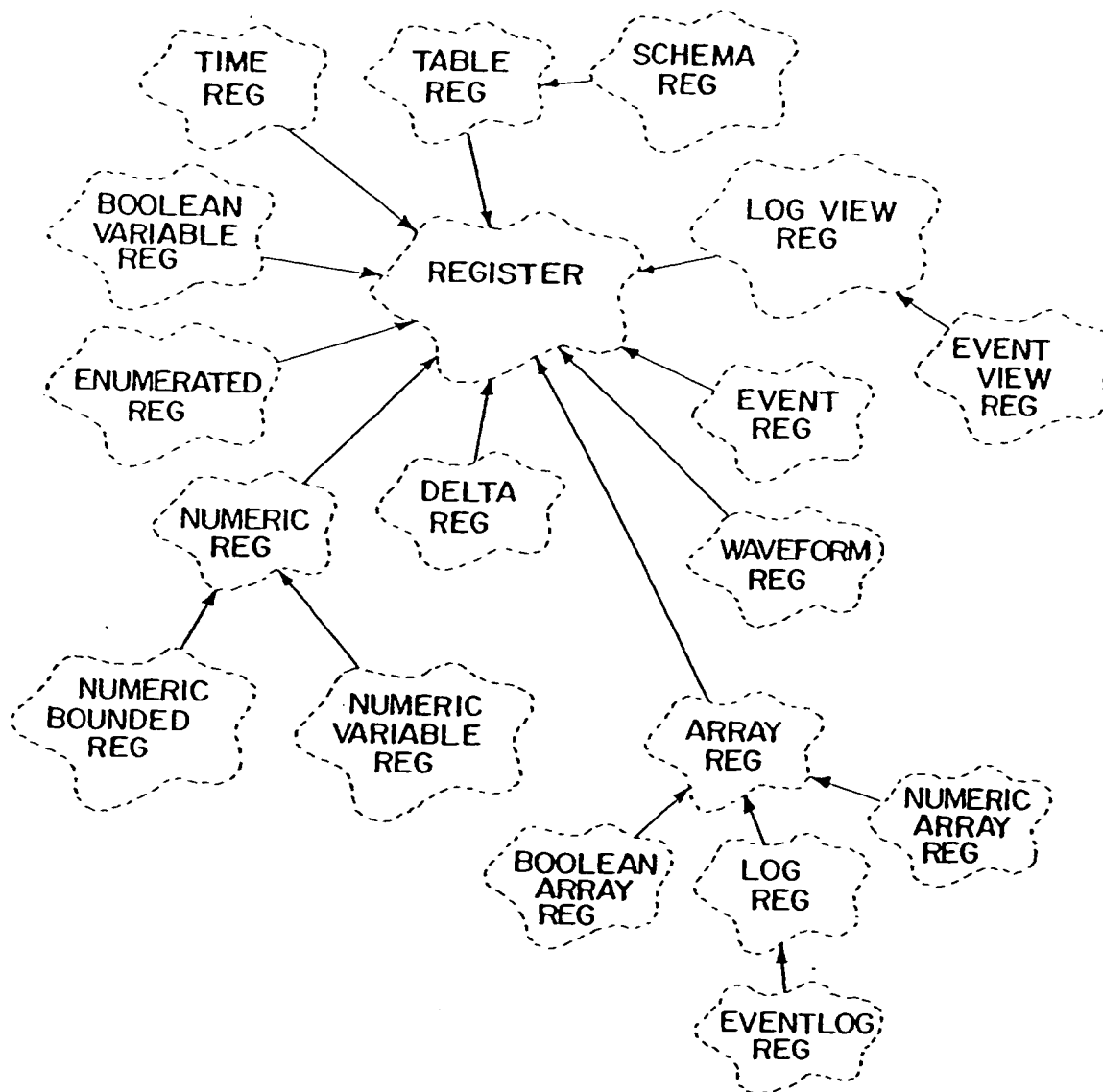


FIG. 17A



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FIG. 17B

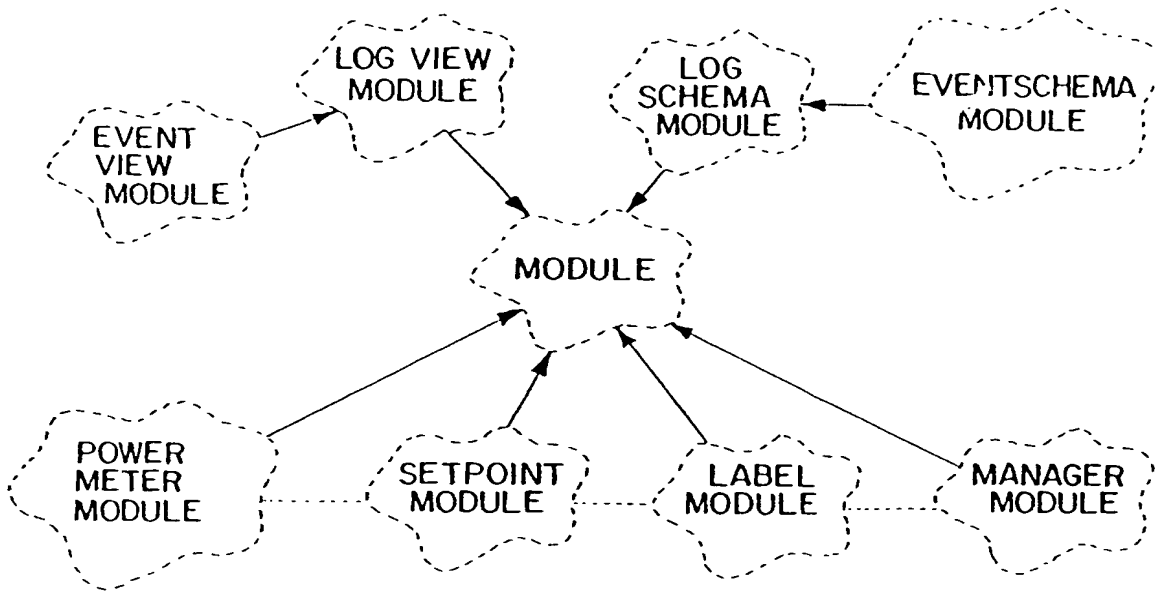


FIG. 17C

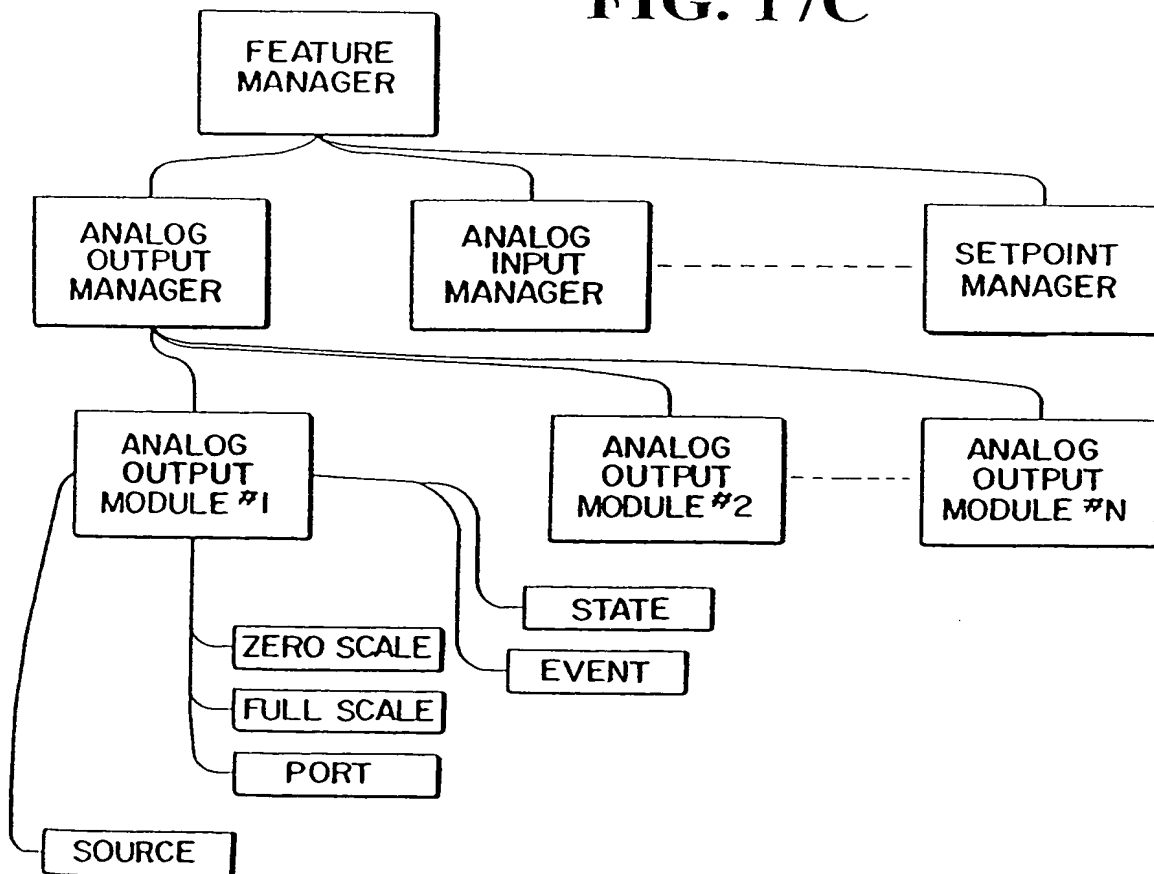


FIG. 18

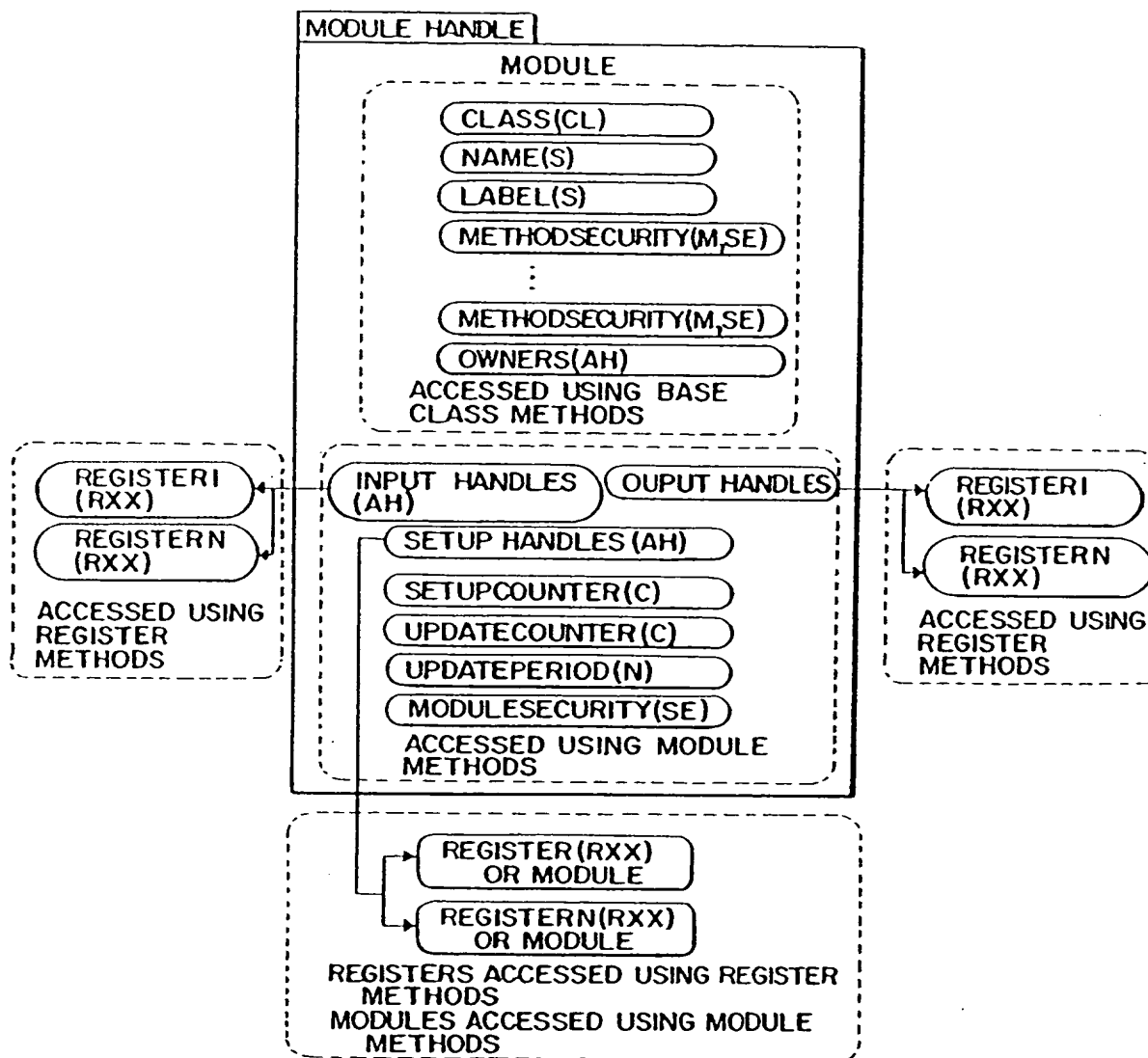
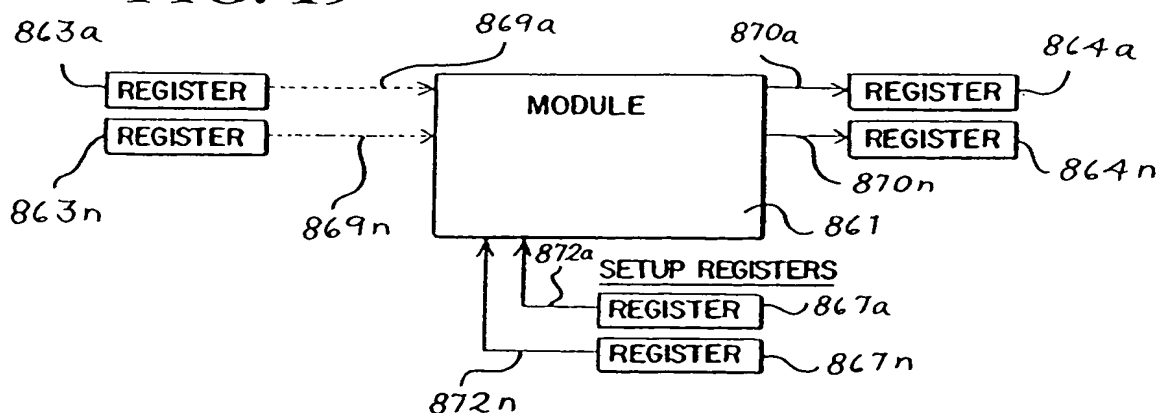


FIG. 19



40 07 07

FIG. 19A

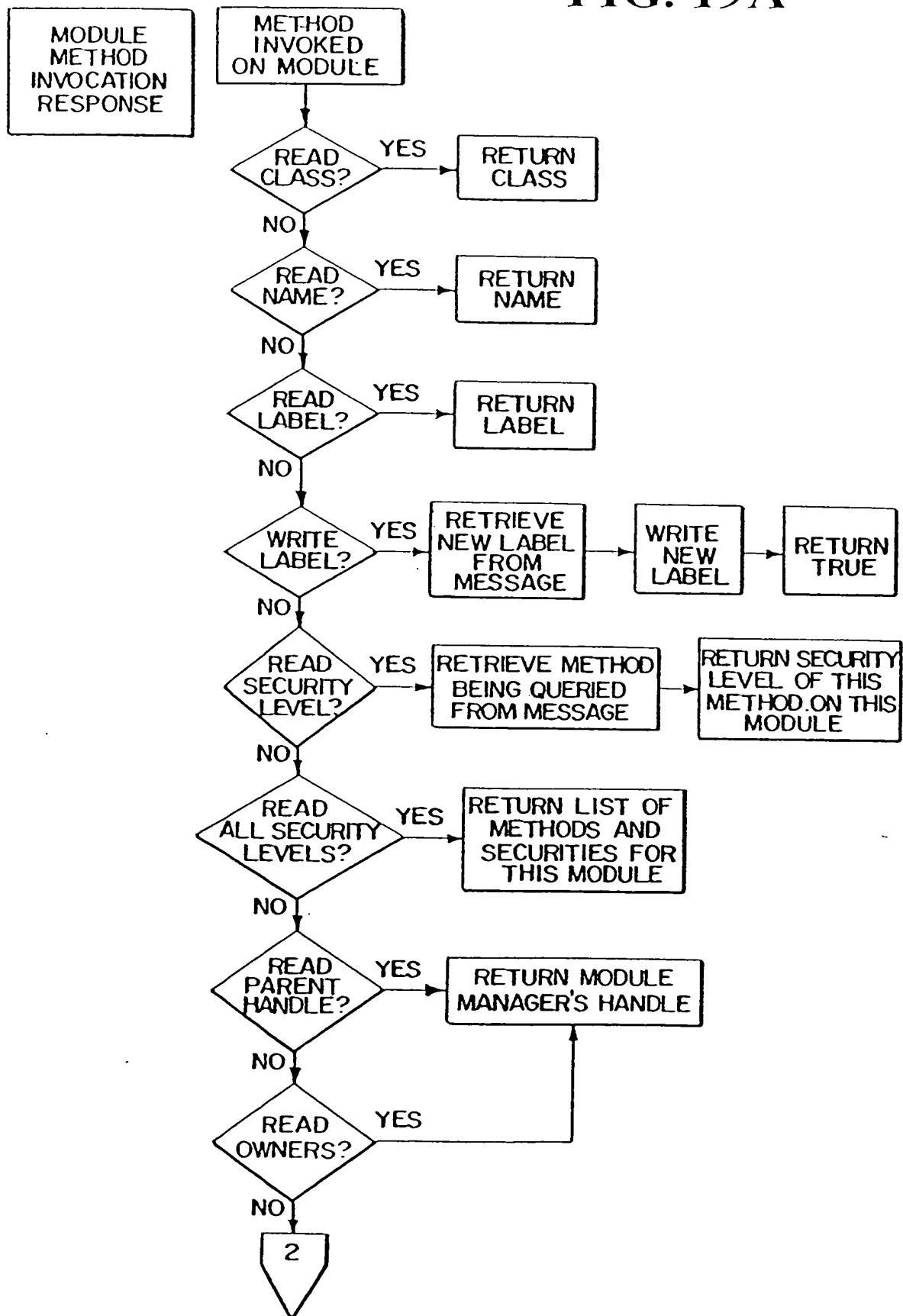


FIG. 19B

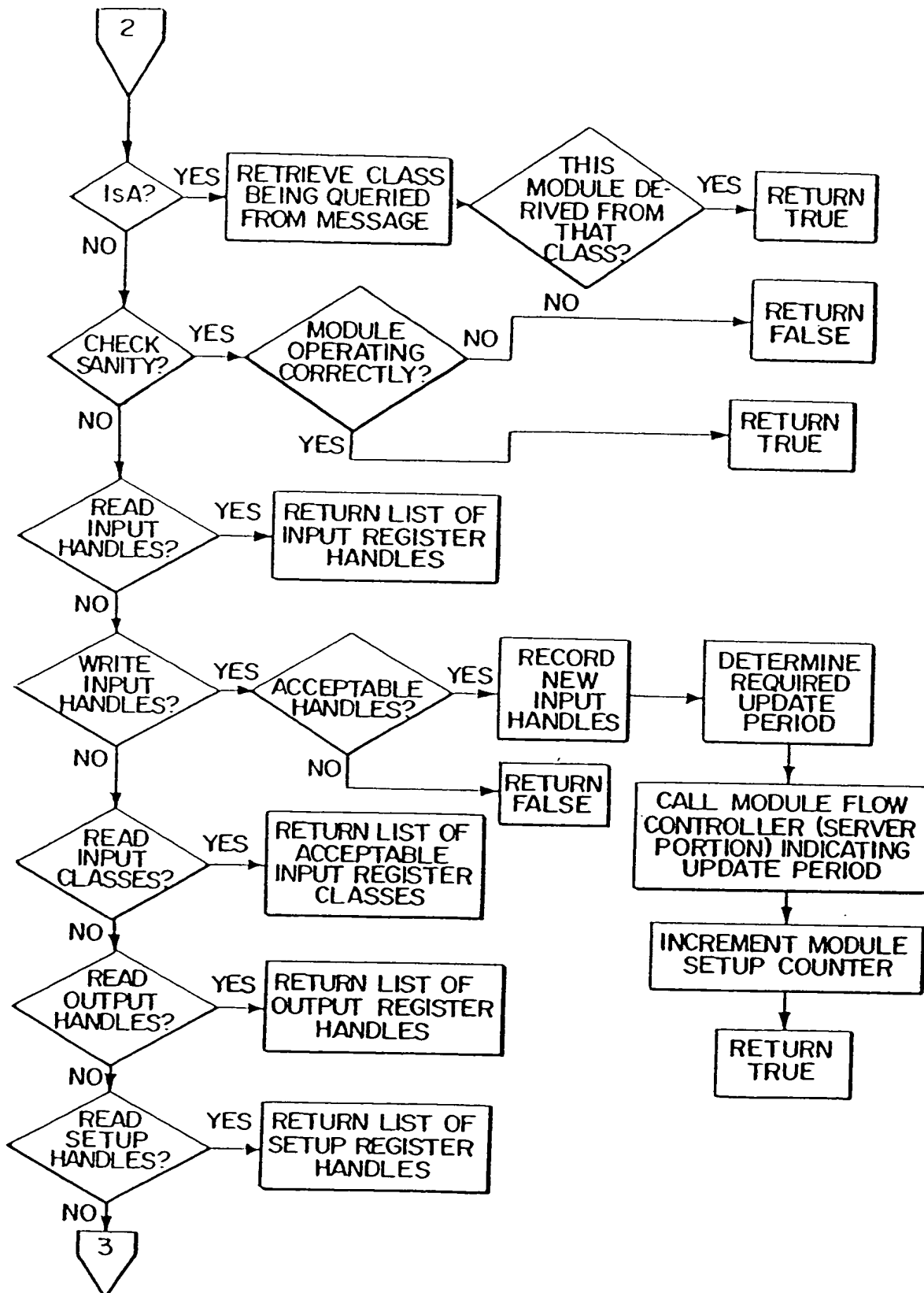


FIG. 19C

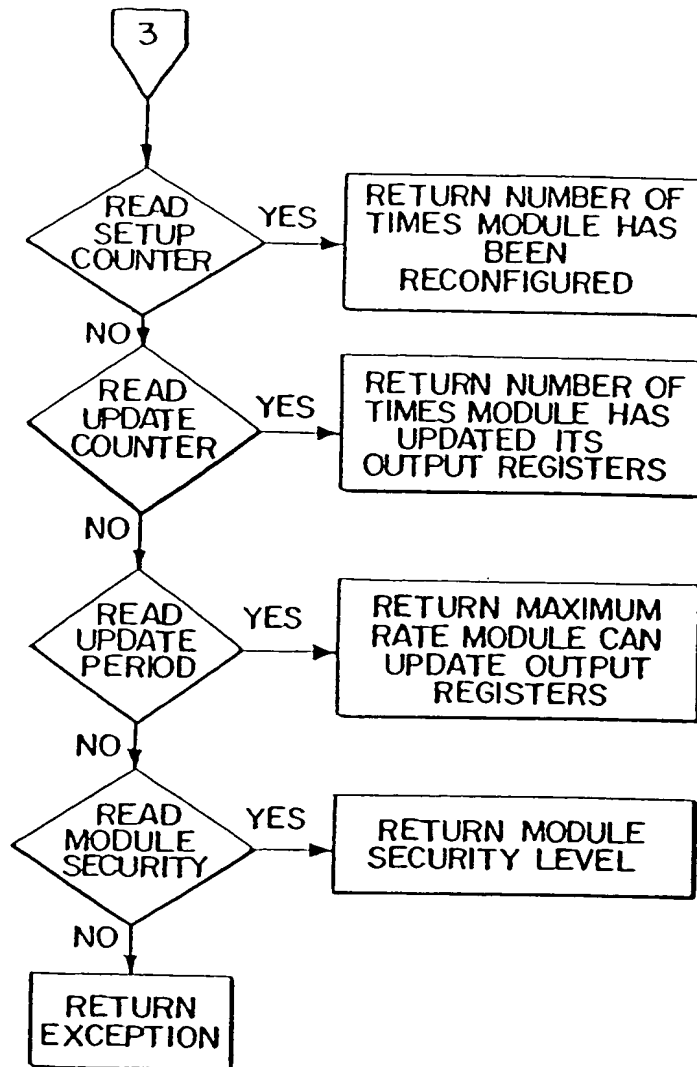


FIG. 20

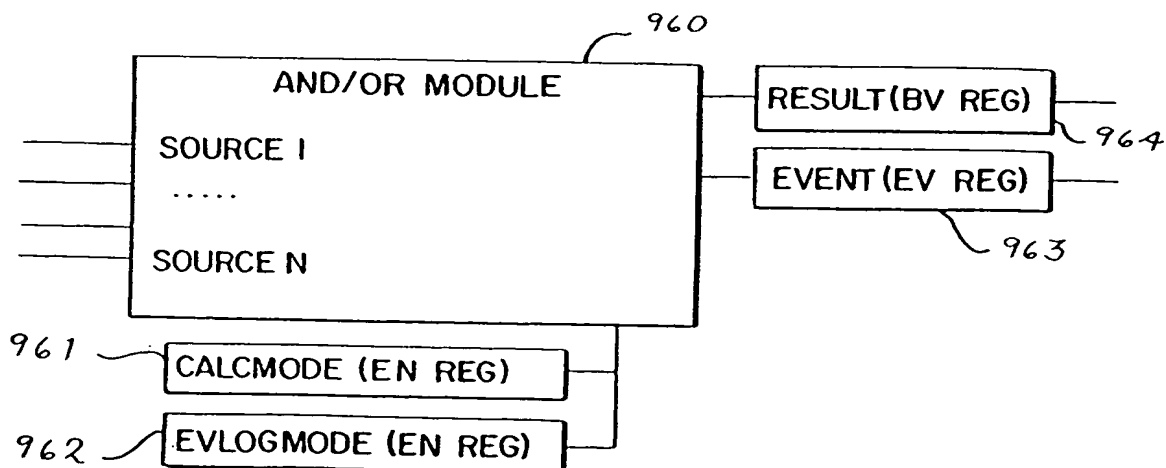


FIG. 20A

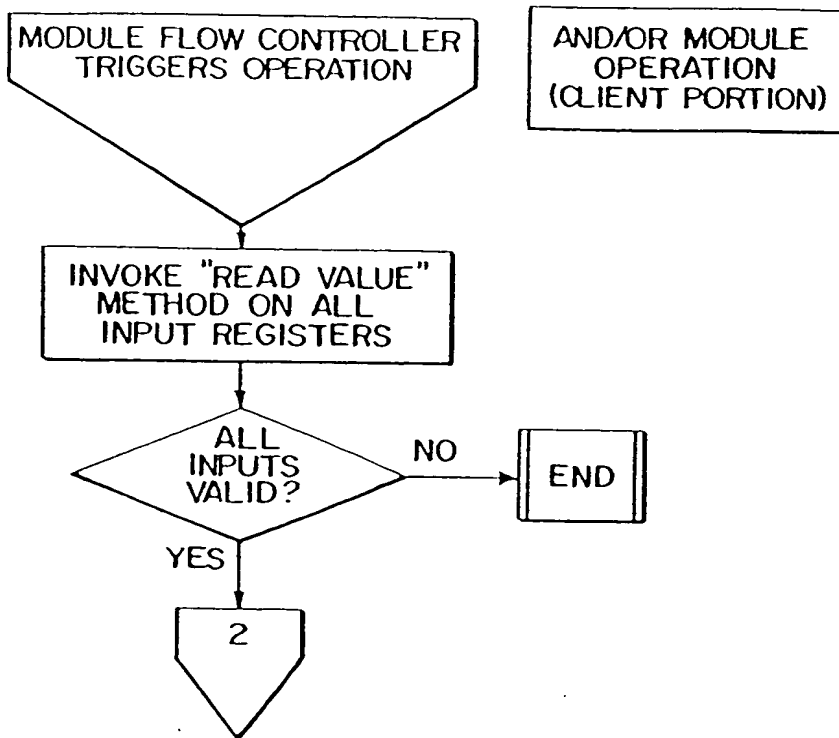


FIG. 21

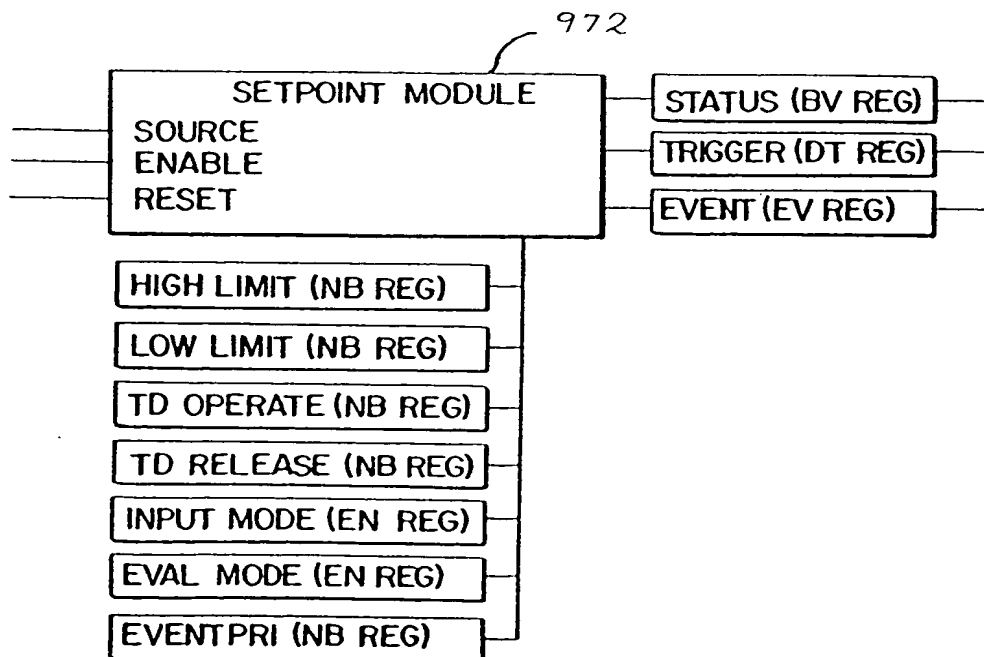


FIG. 20B

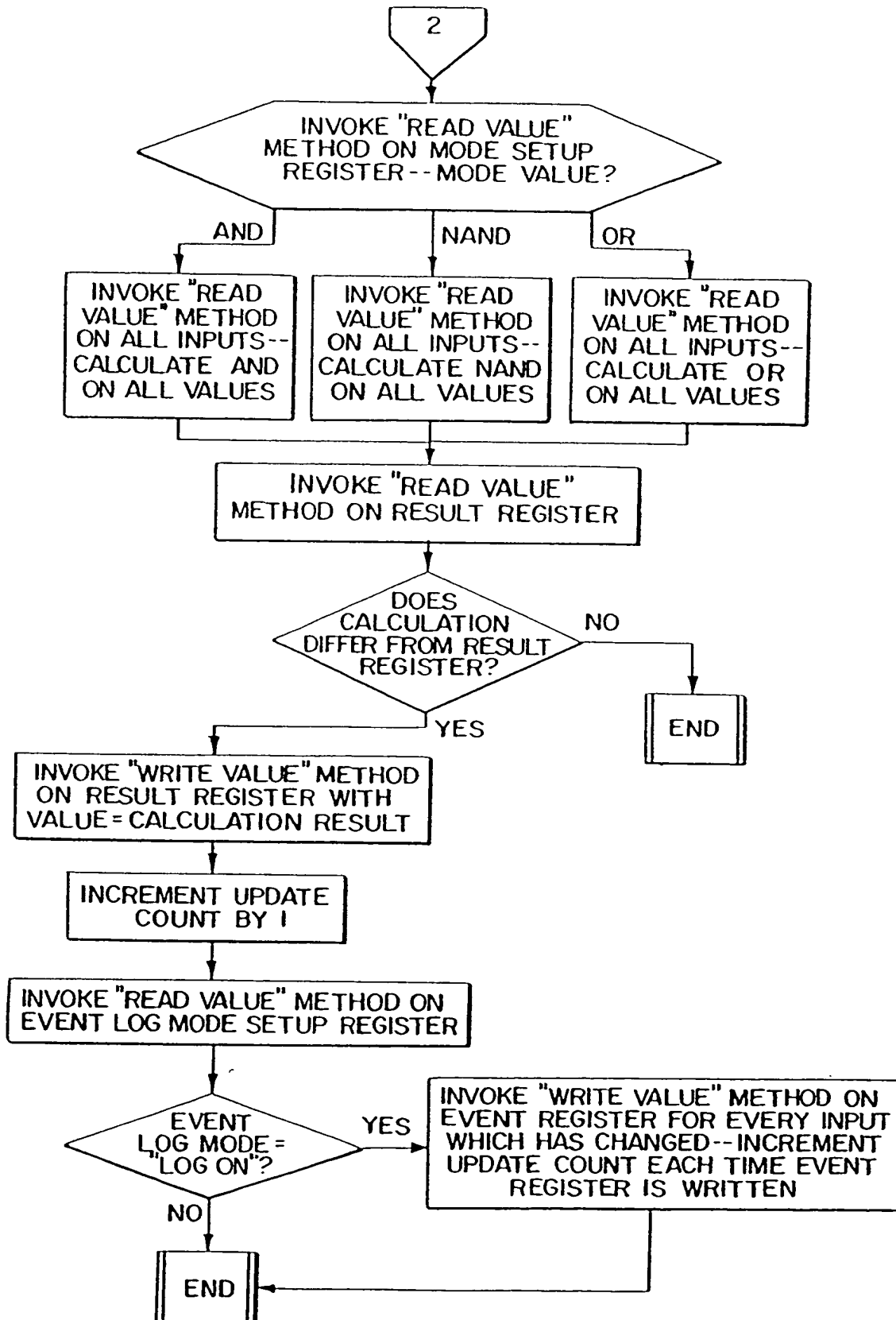


FIG. 21A

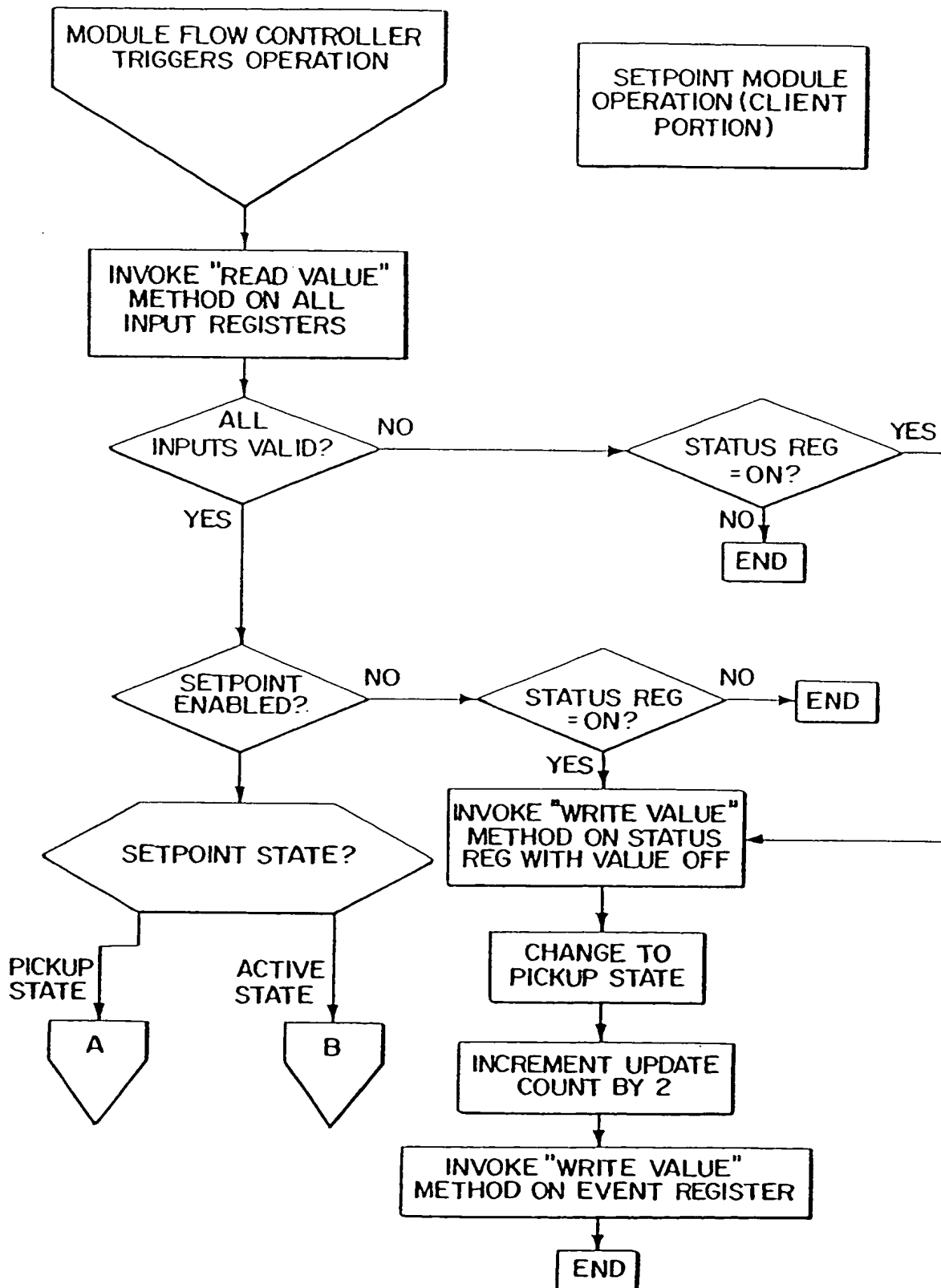


FIG. 21B

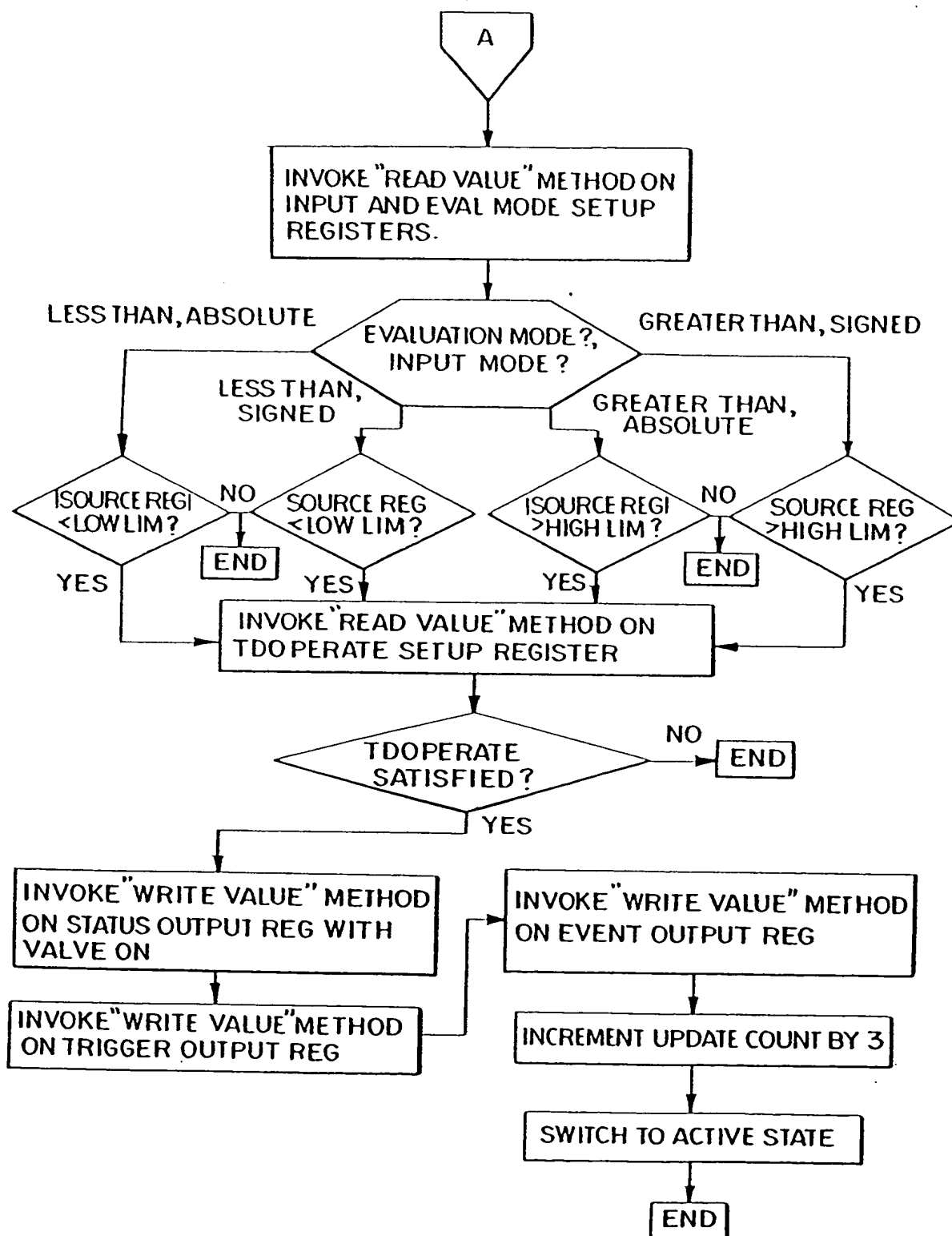


FIG. 21C

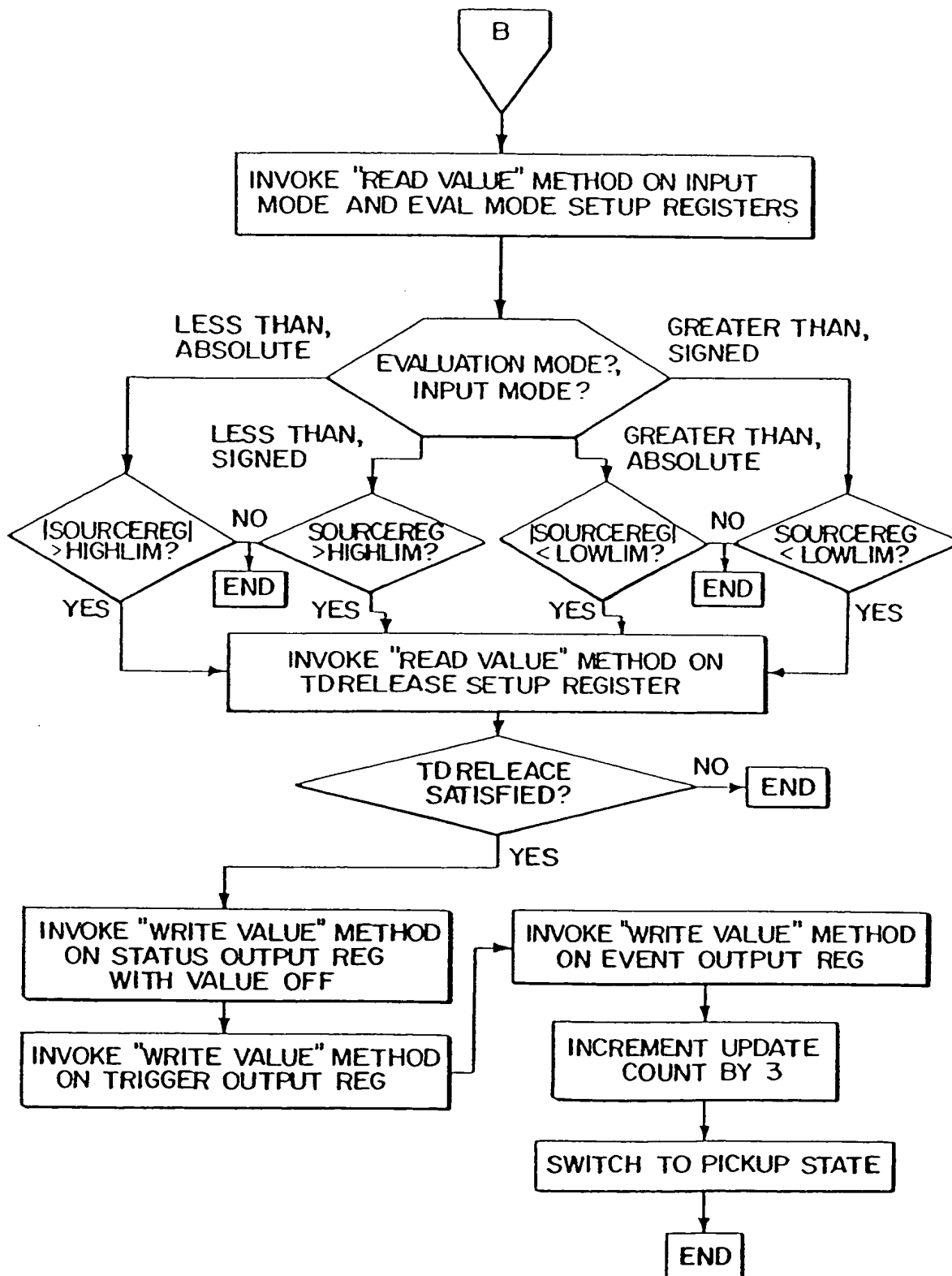


FIG. 22

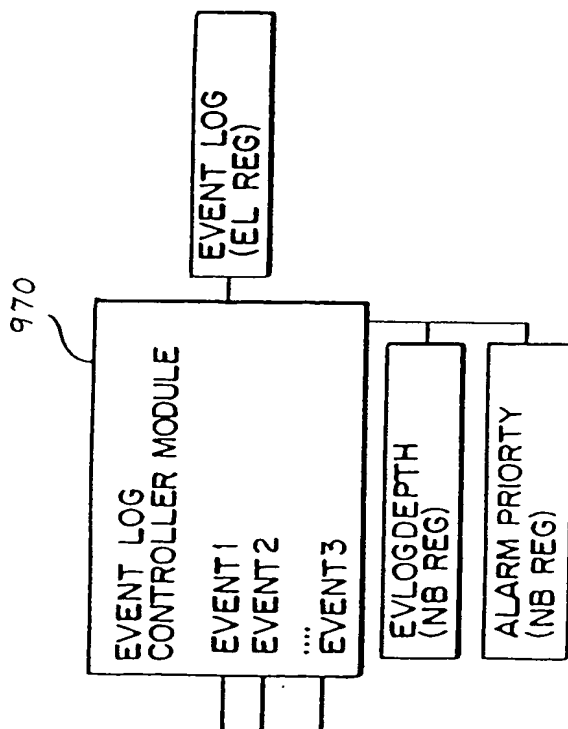


FIG. 22A

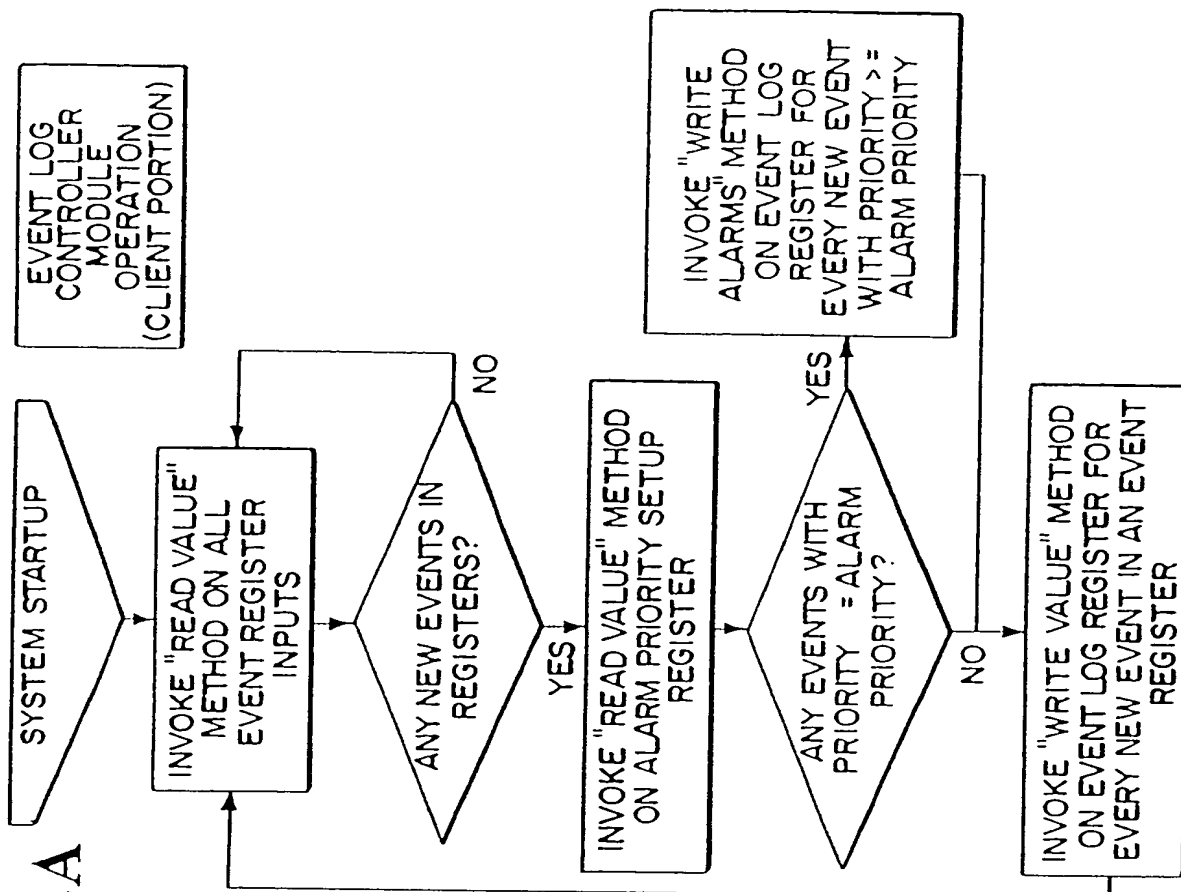


FIG. 23

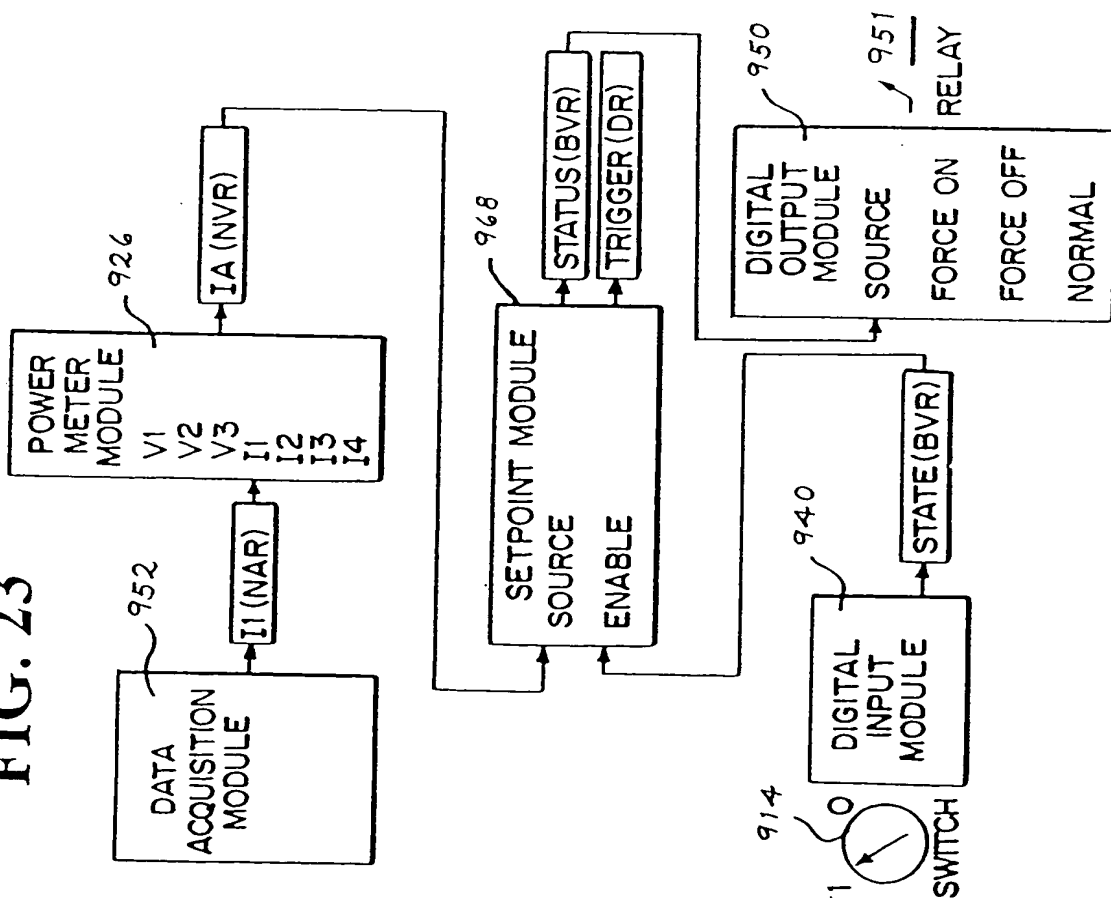


FIG. 24A

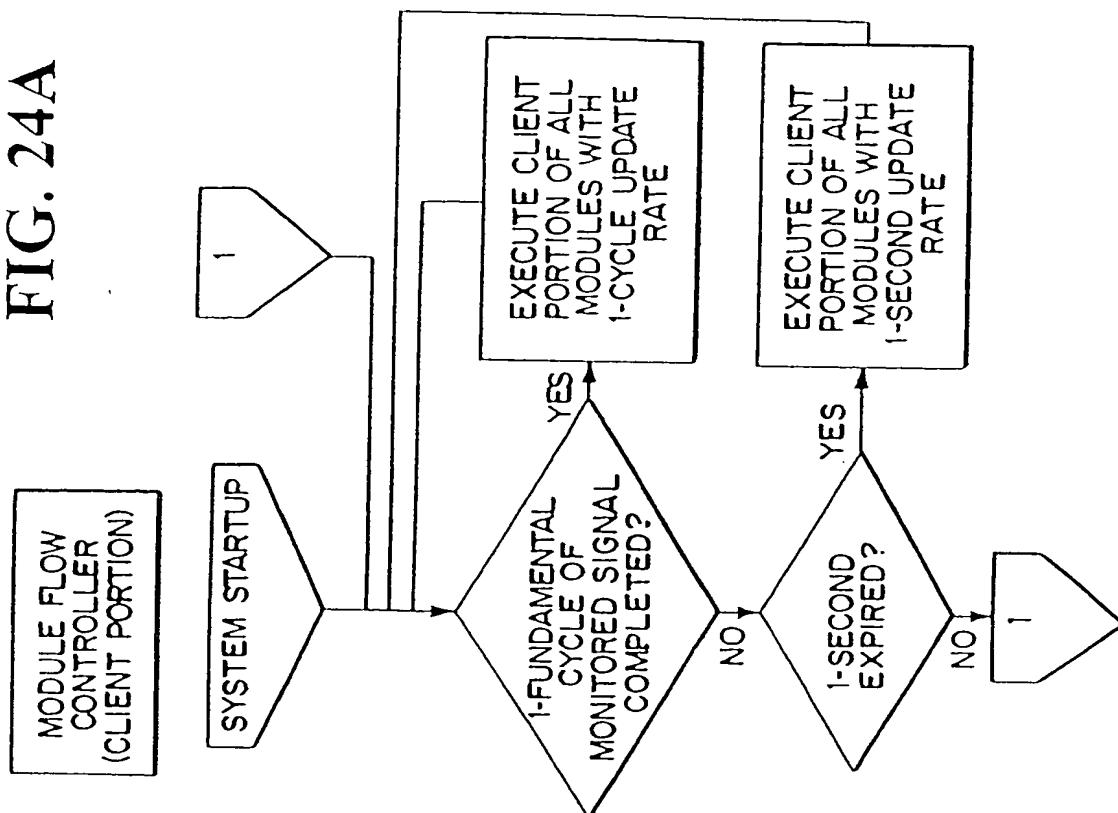


FIG. 25

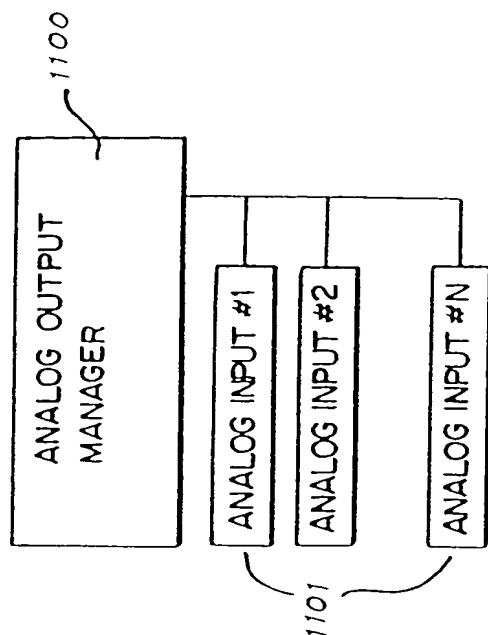
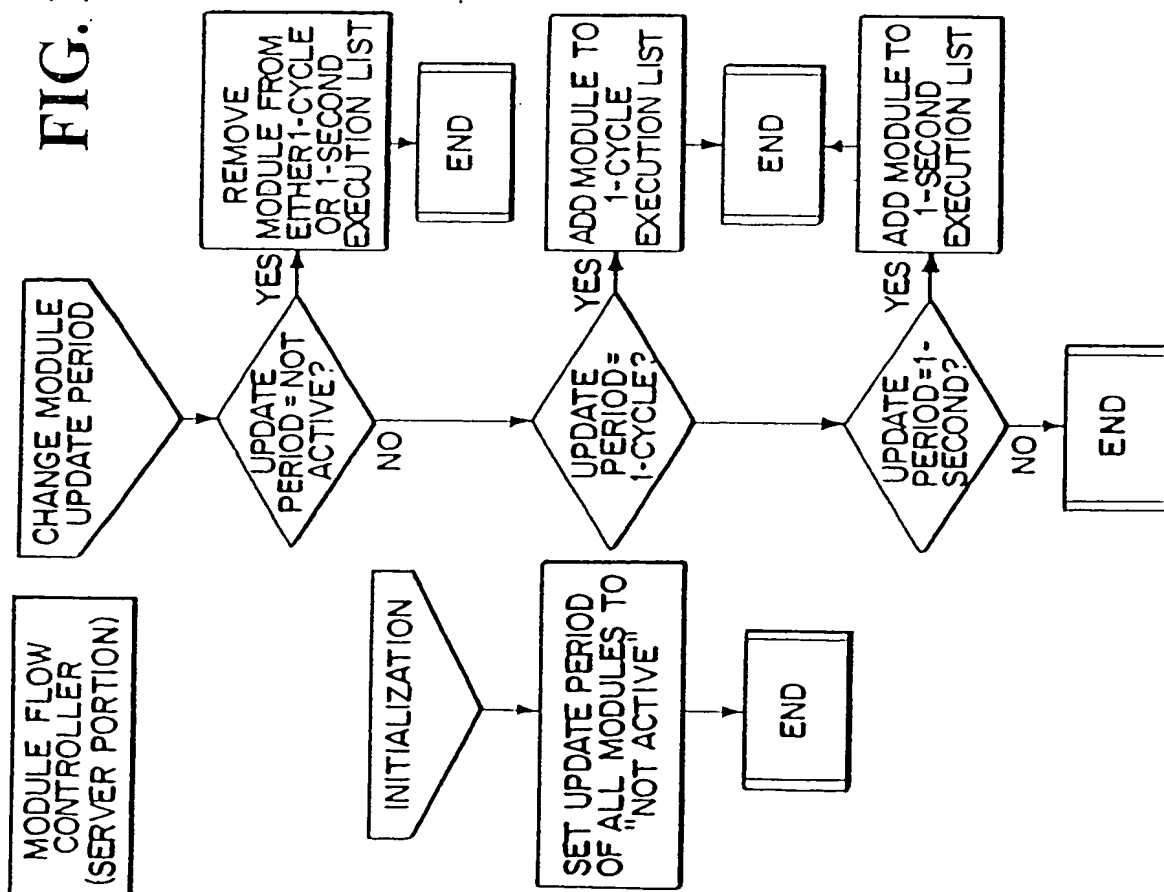


FIG. 24B



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FIG. 25A

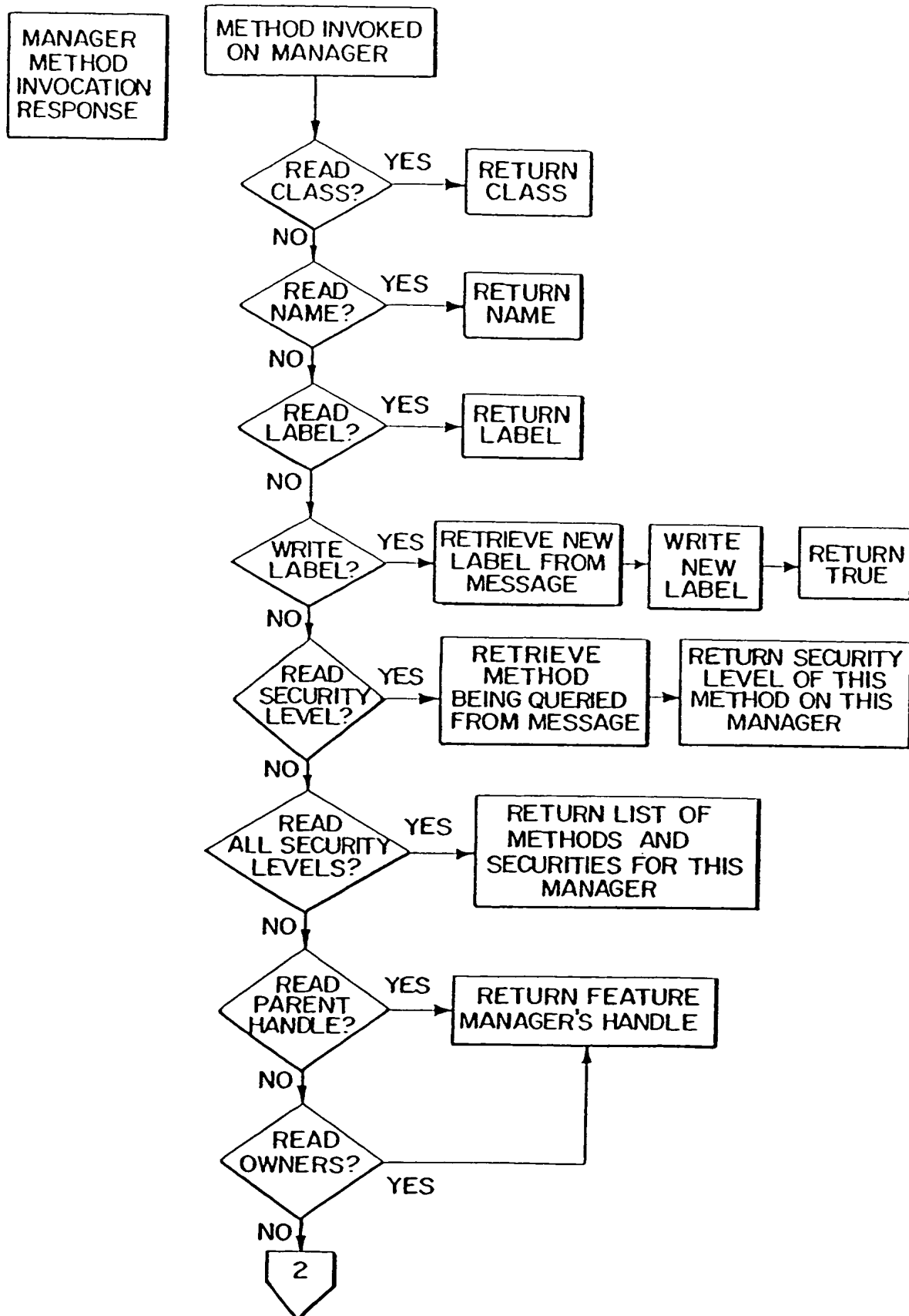


FIG. 25B

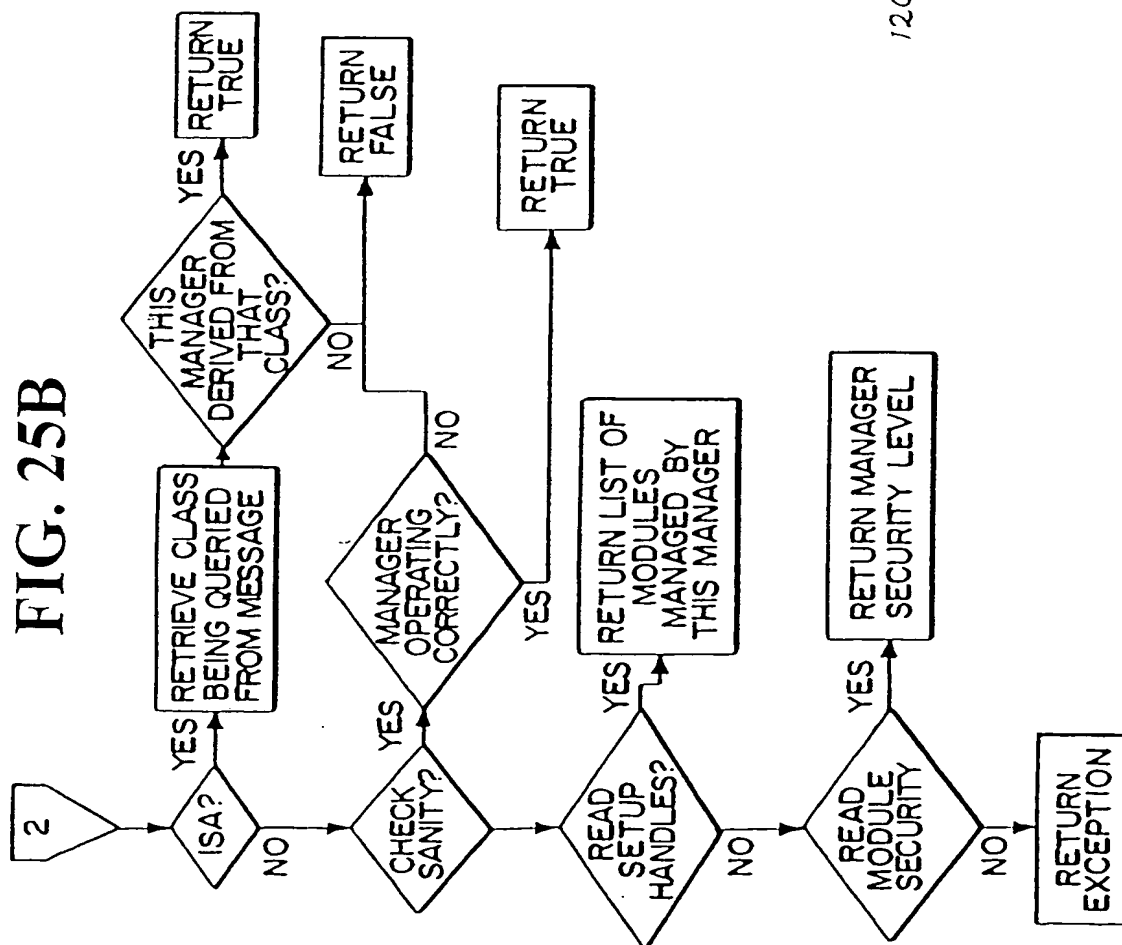


FIG. 26

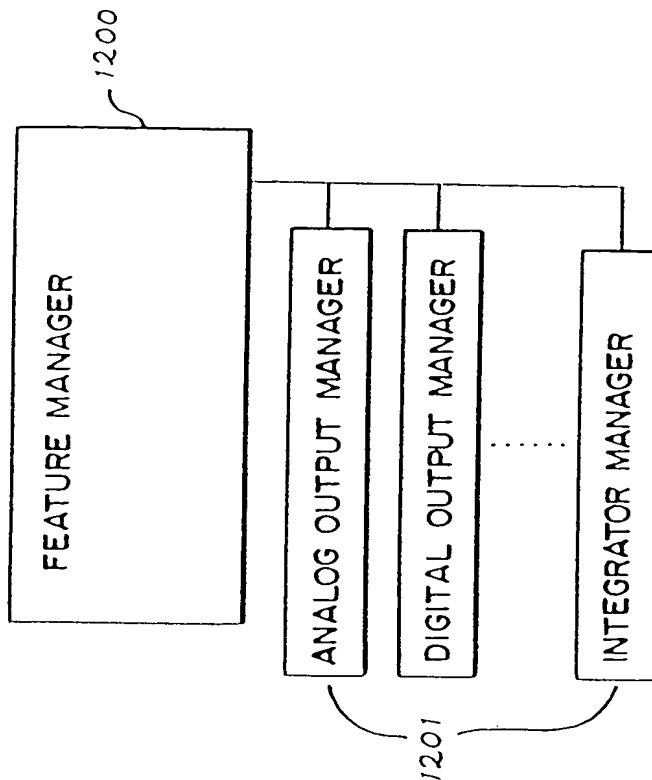


FIG. 26A

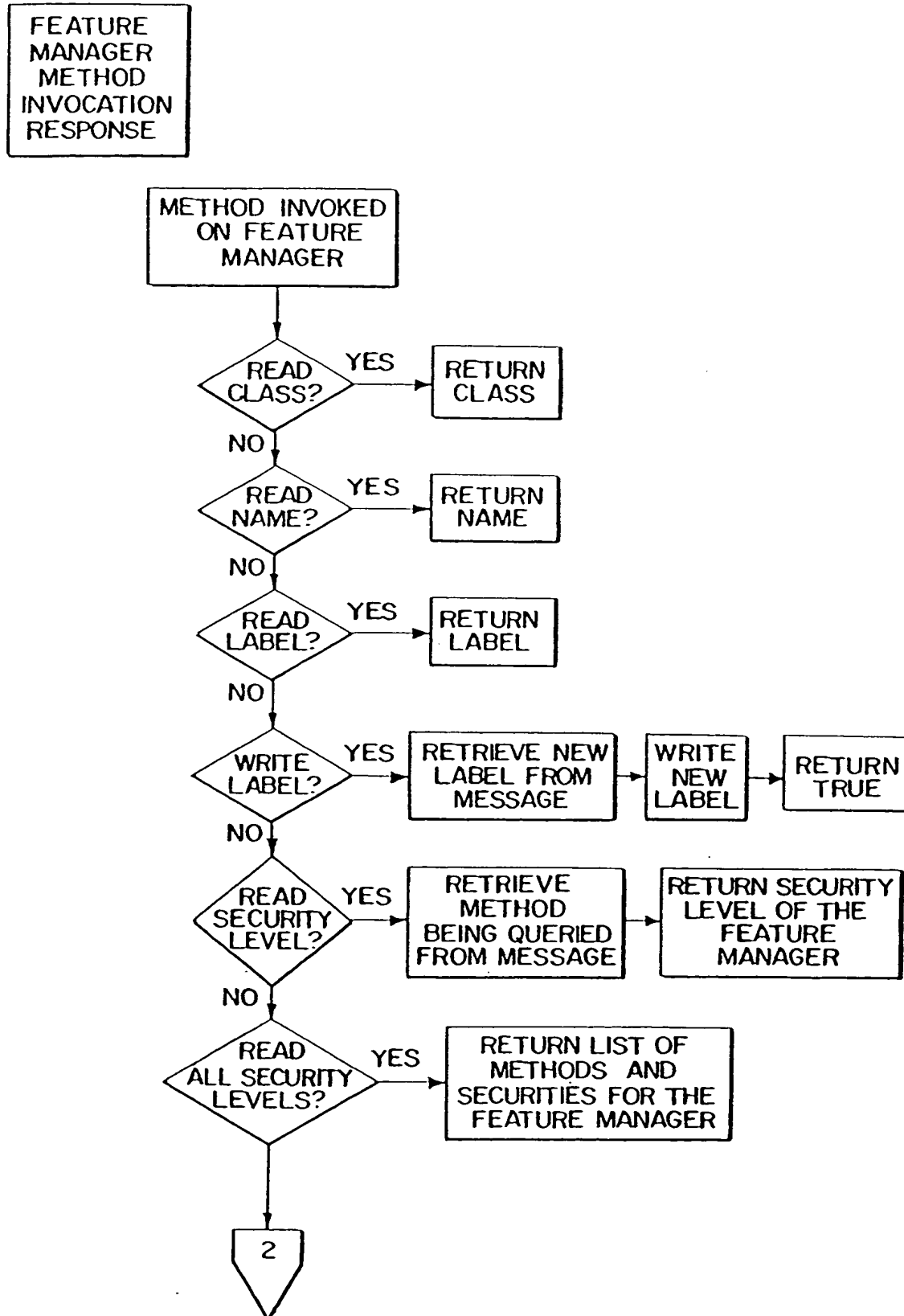
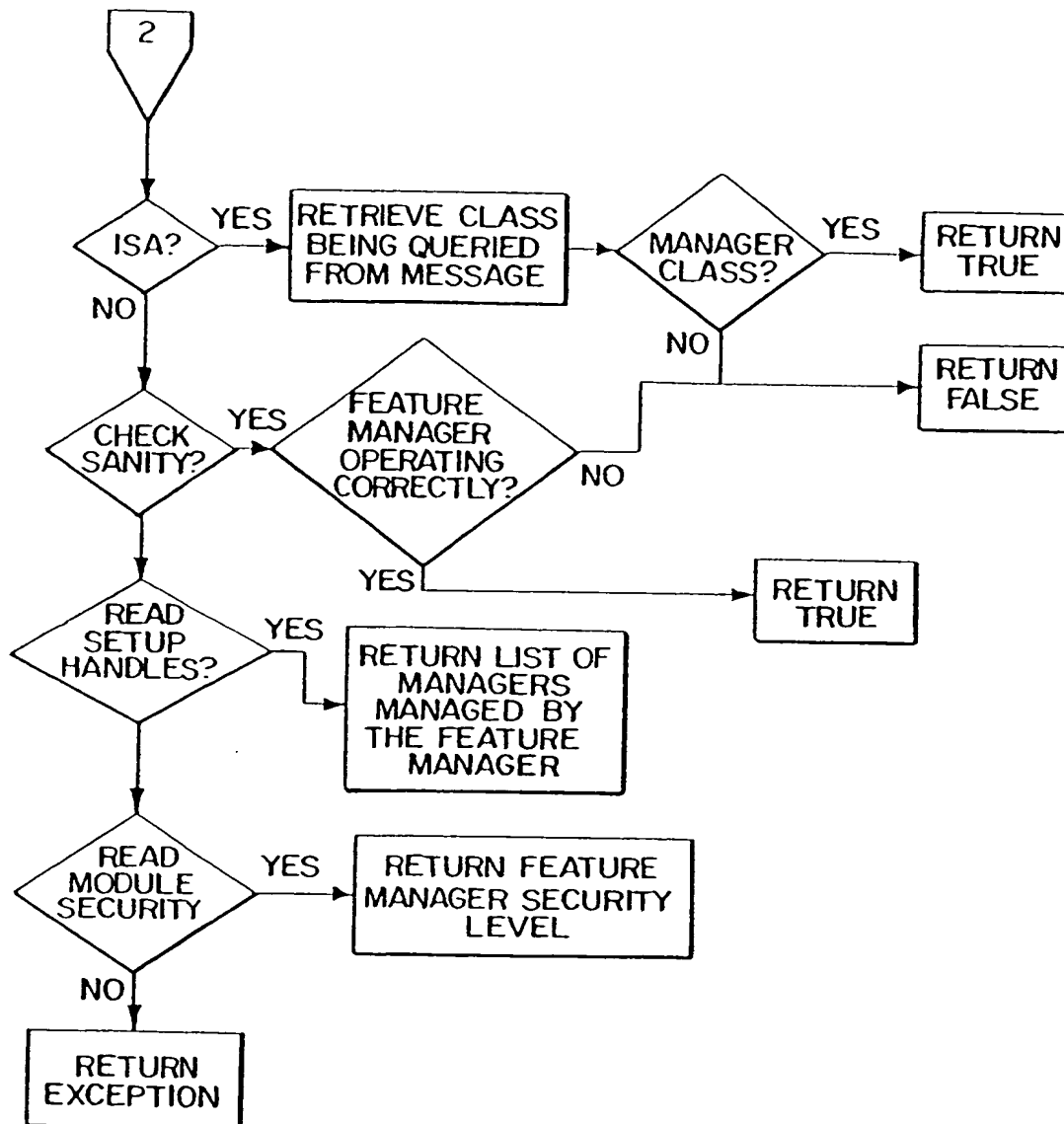


FIG. 26B



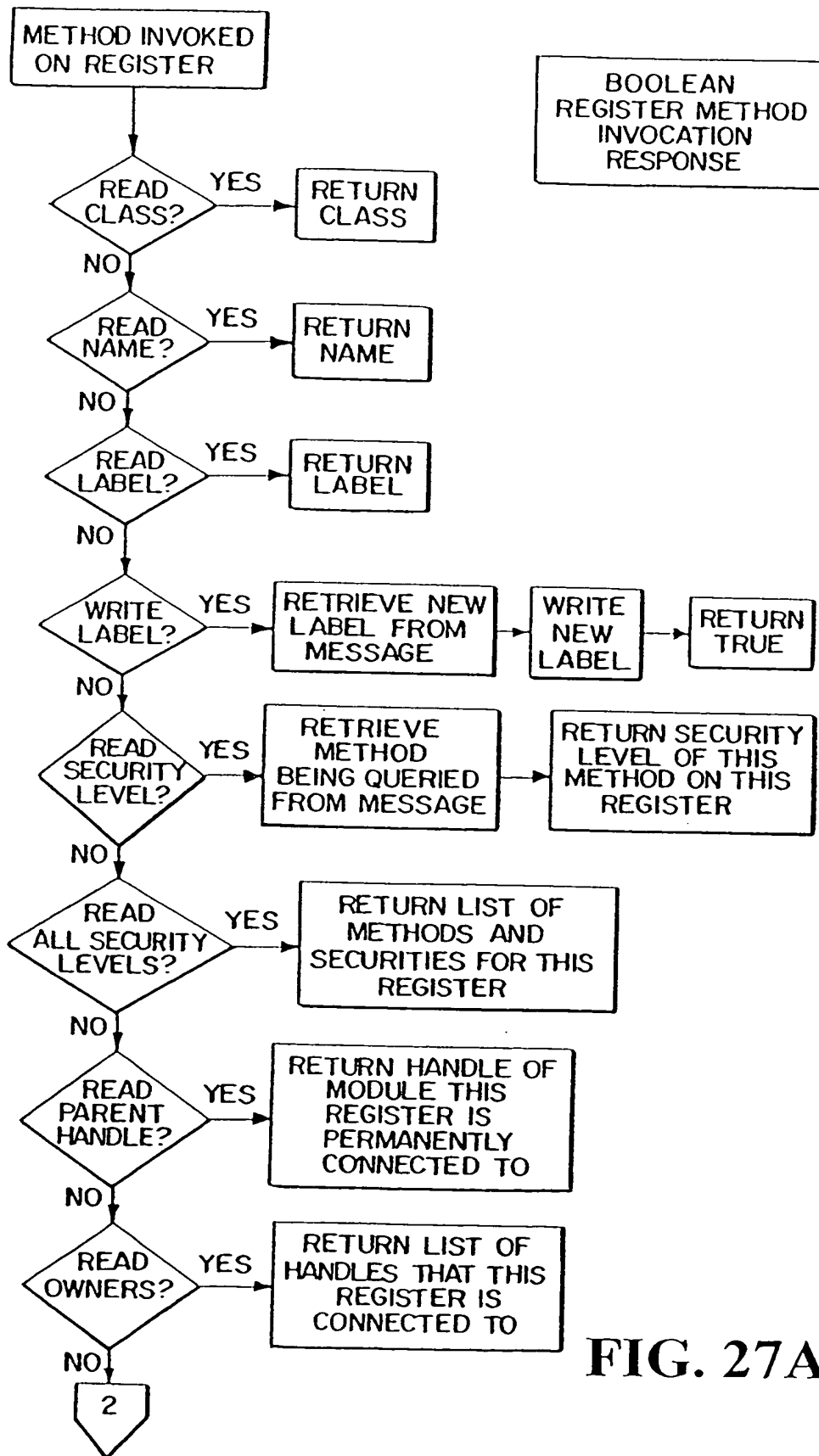


FIG. 27A

FIG. 27B

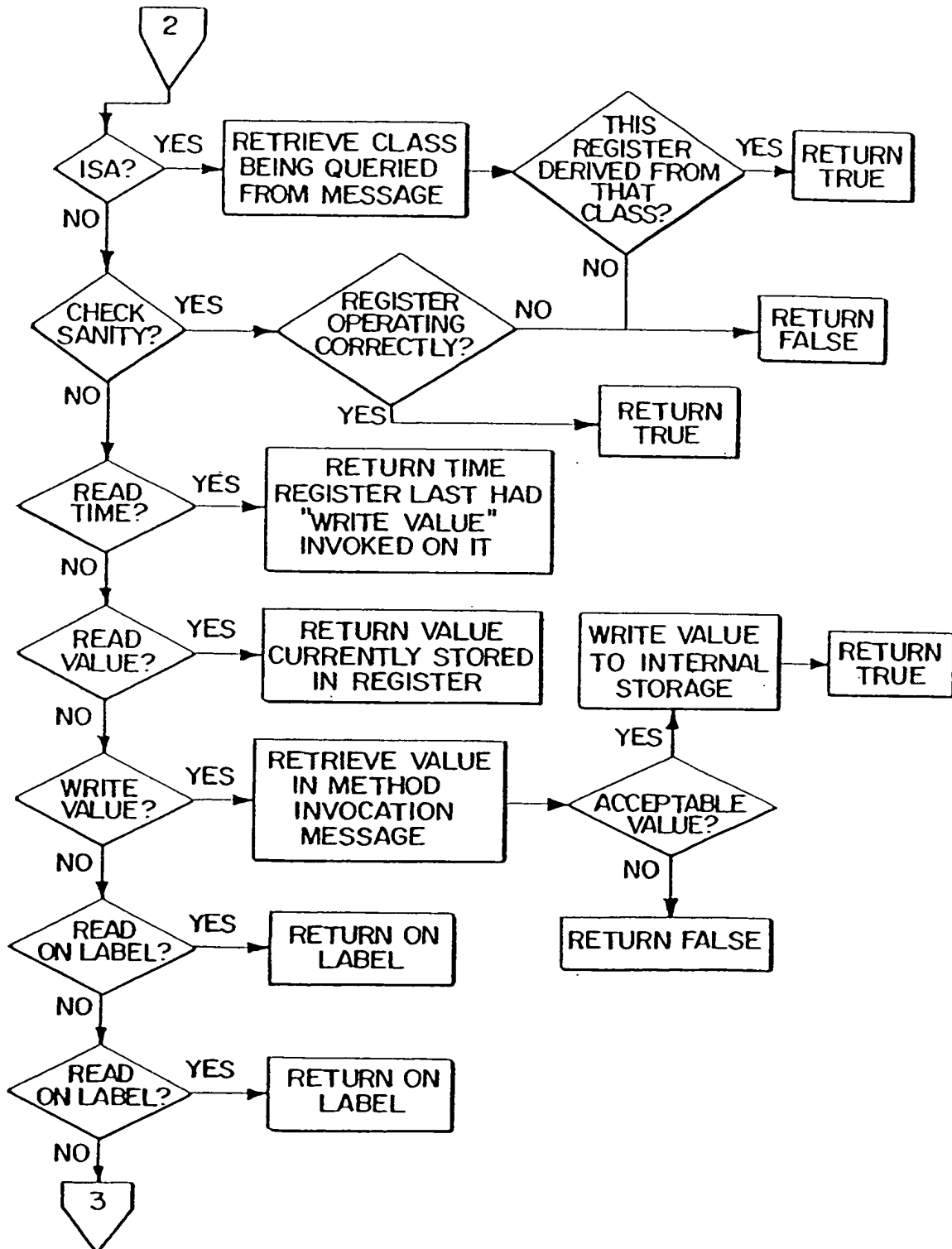


FIG. 27C

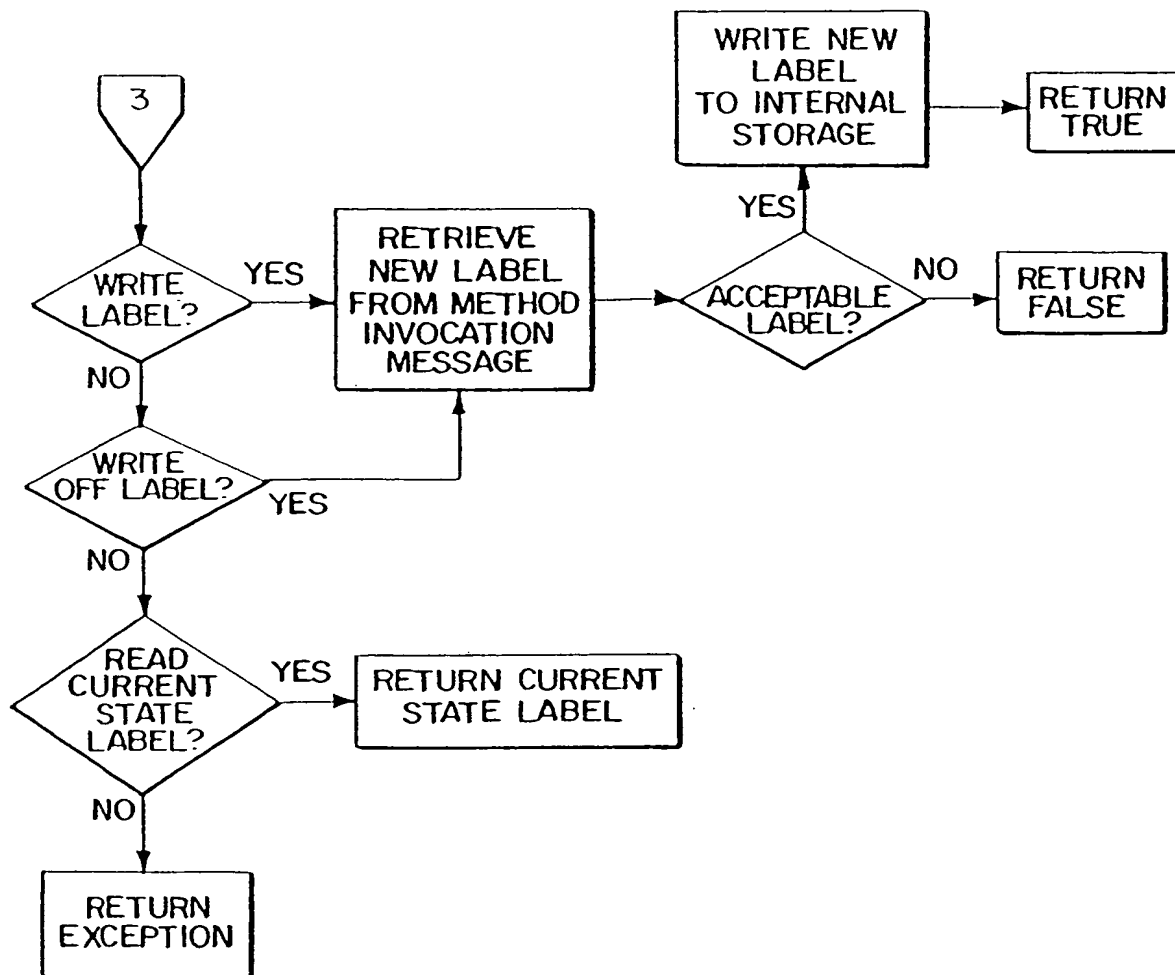


FIG. 28A

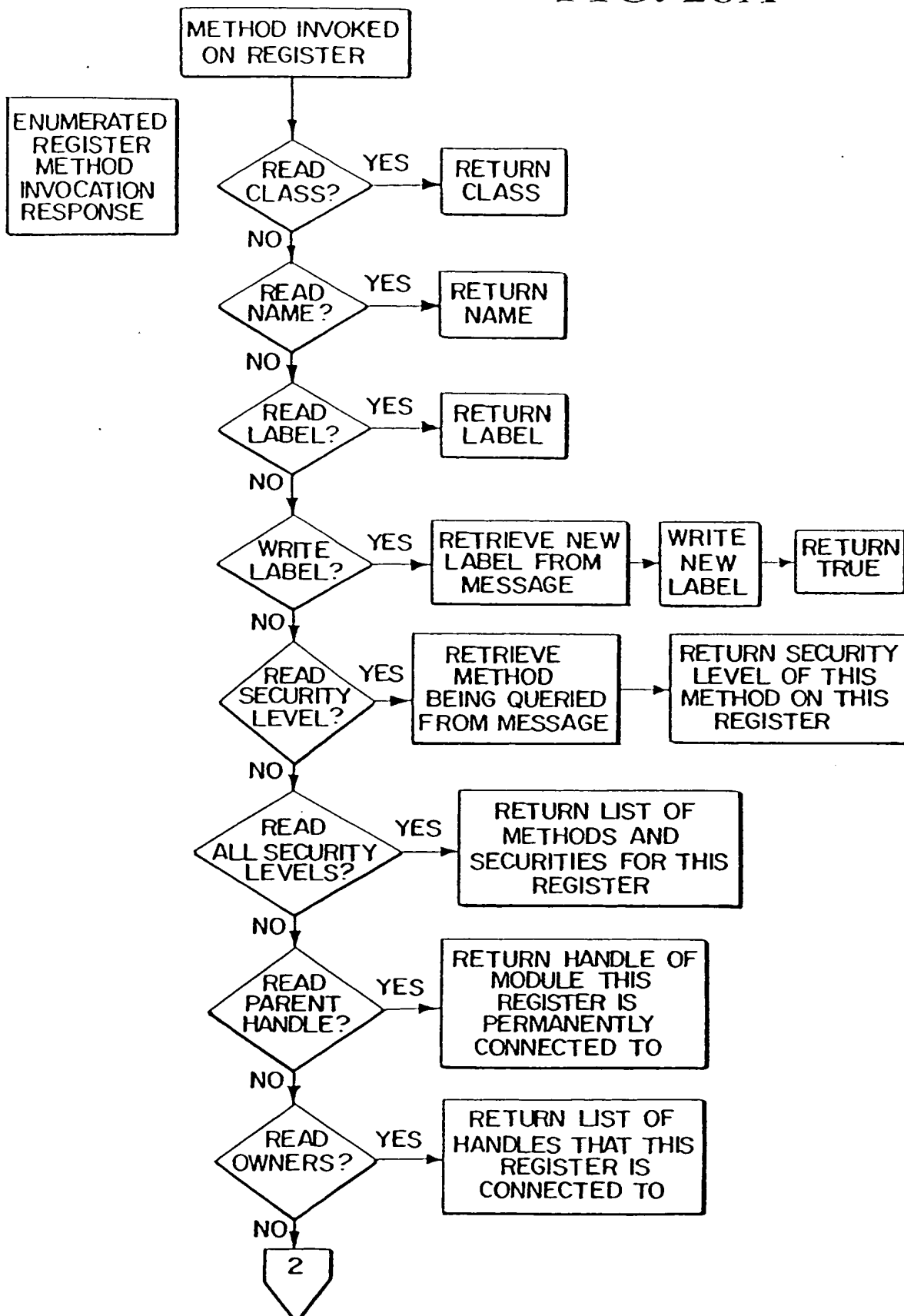


FIG. 28B

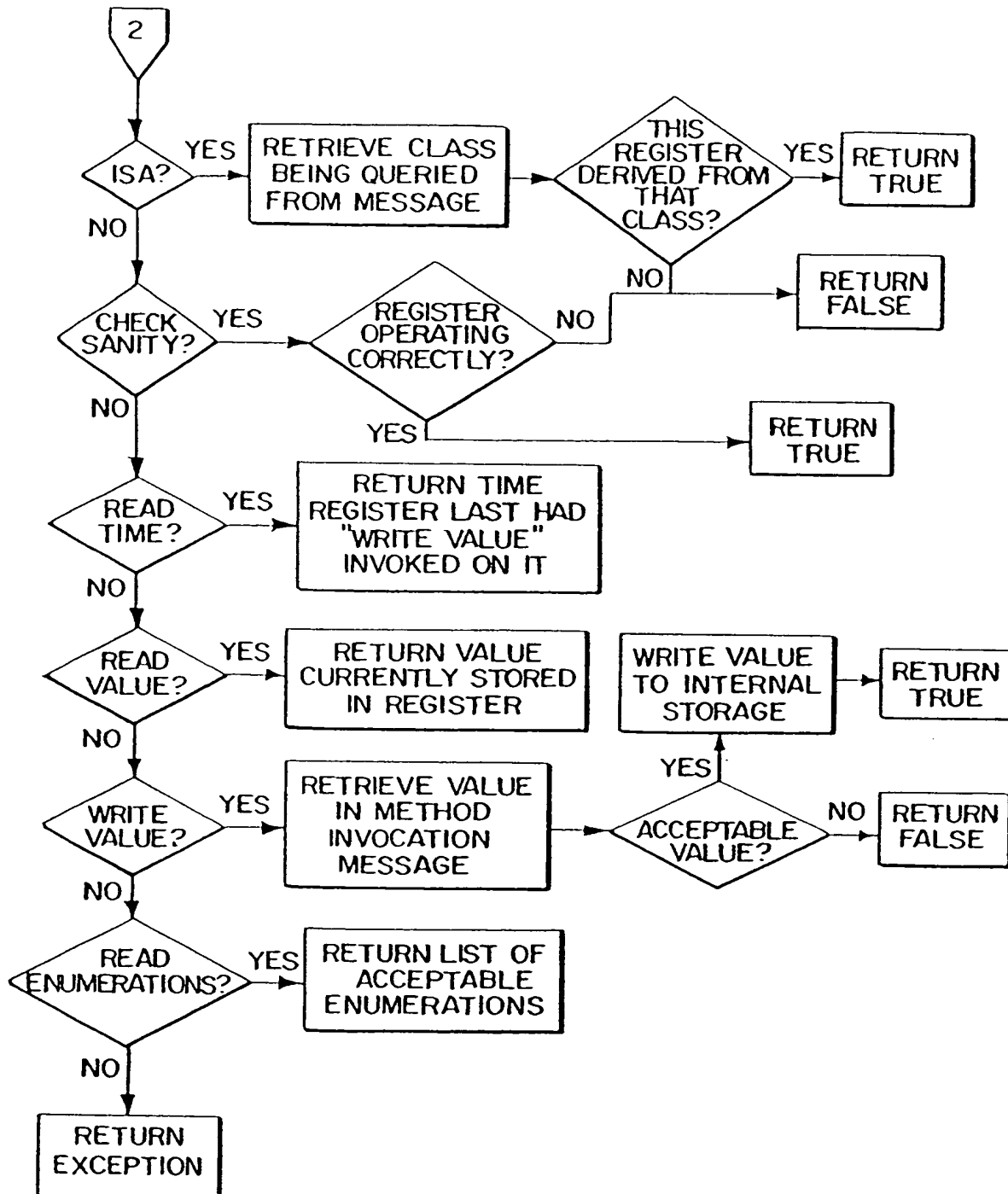
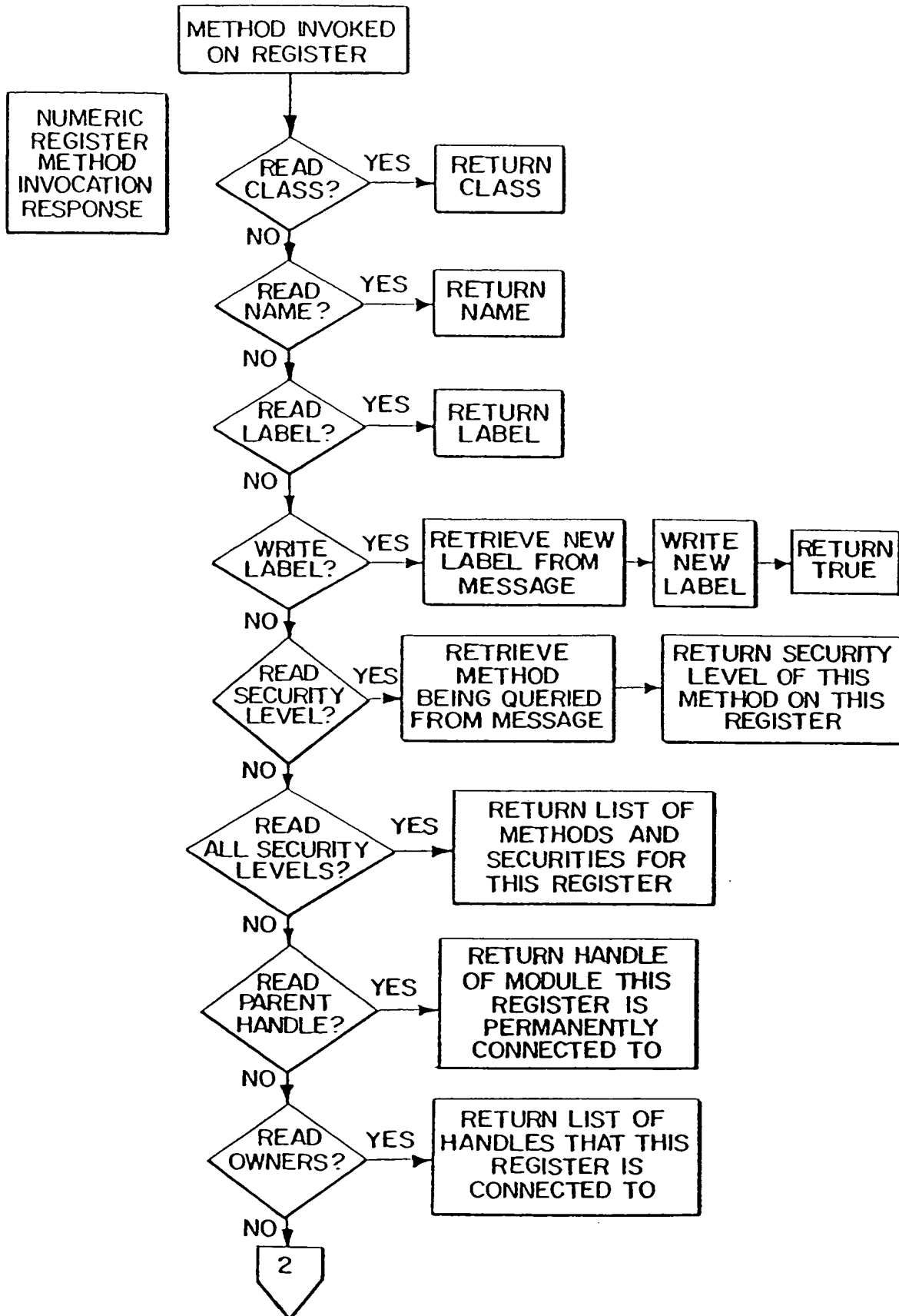


FIG. 29A



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FIG. 29B

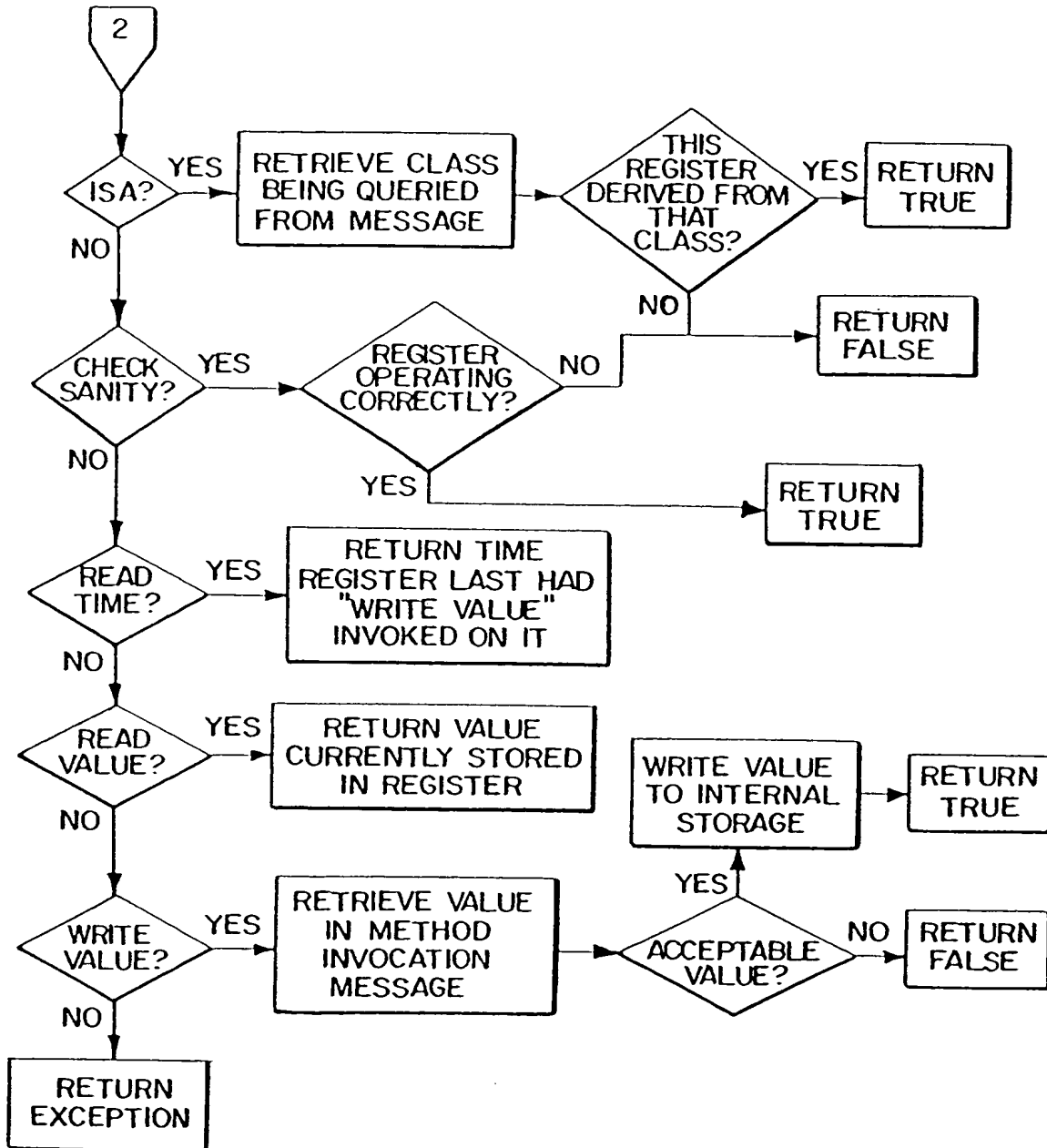


FIG. 30A

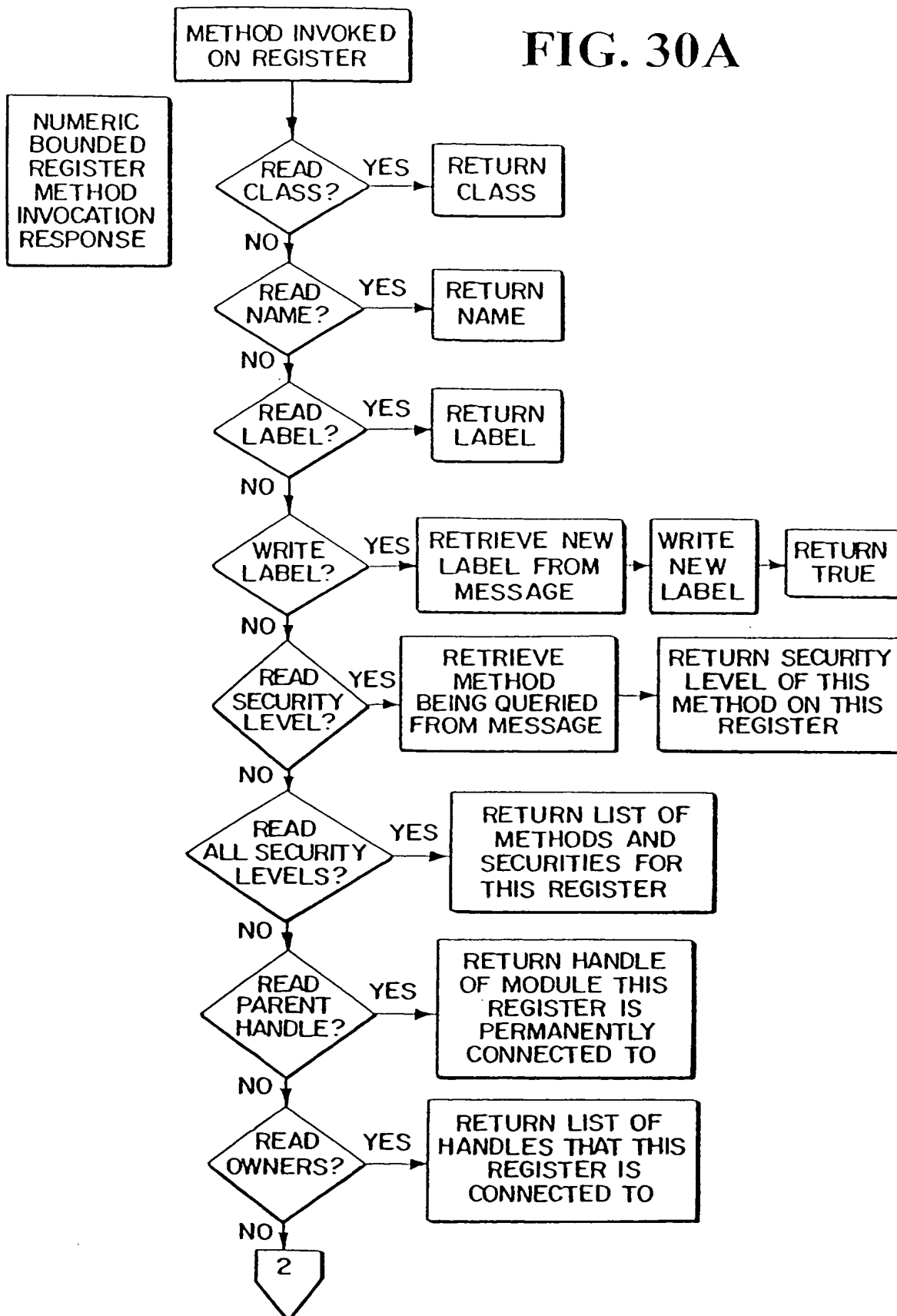
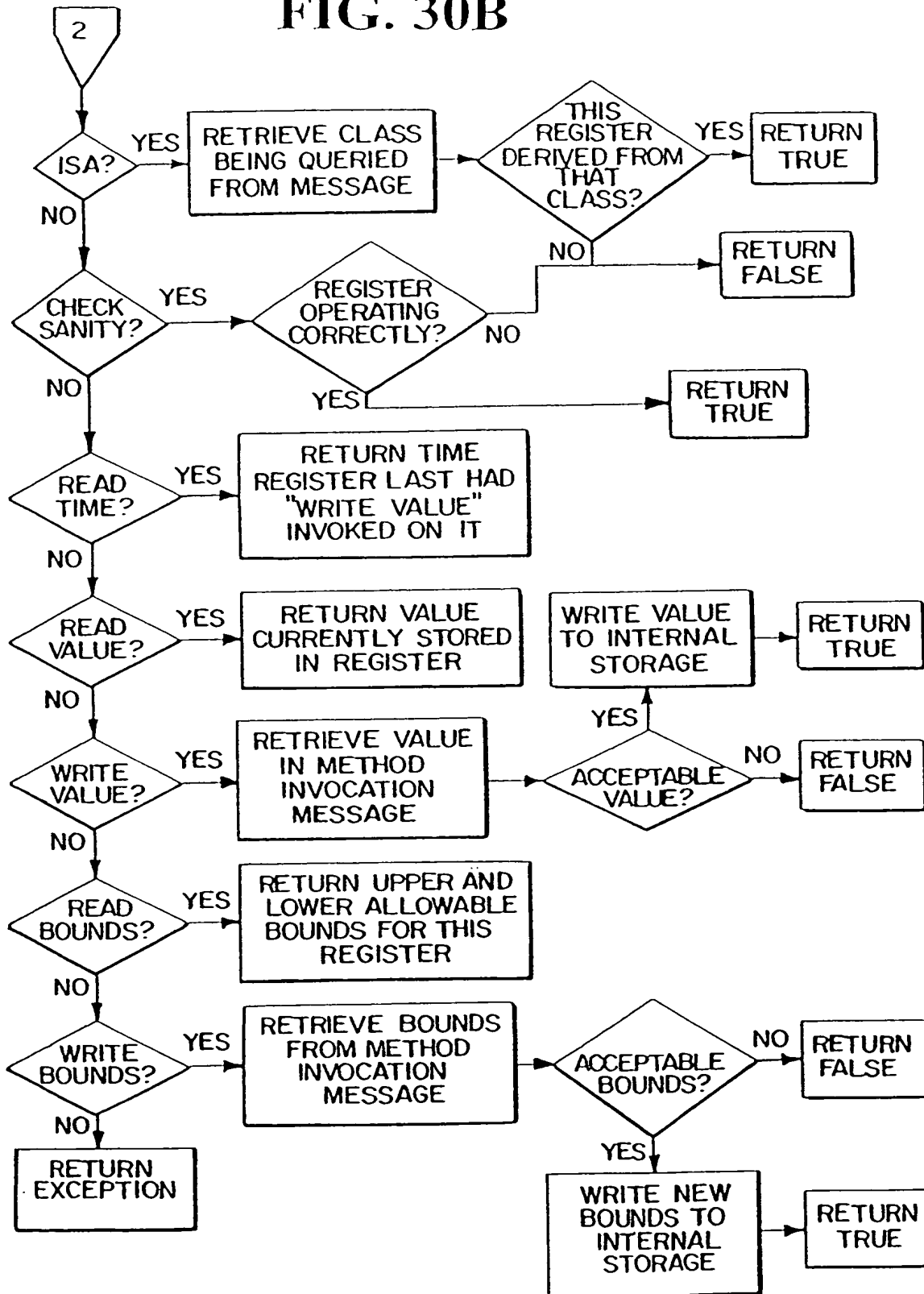
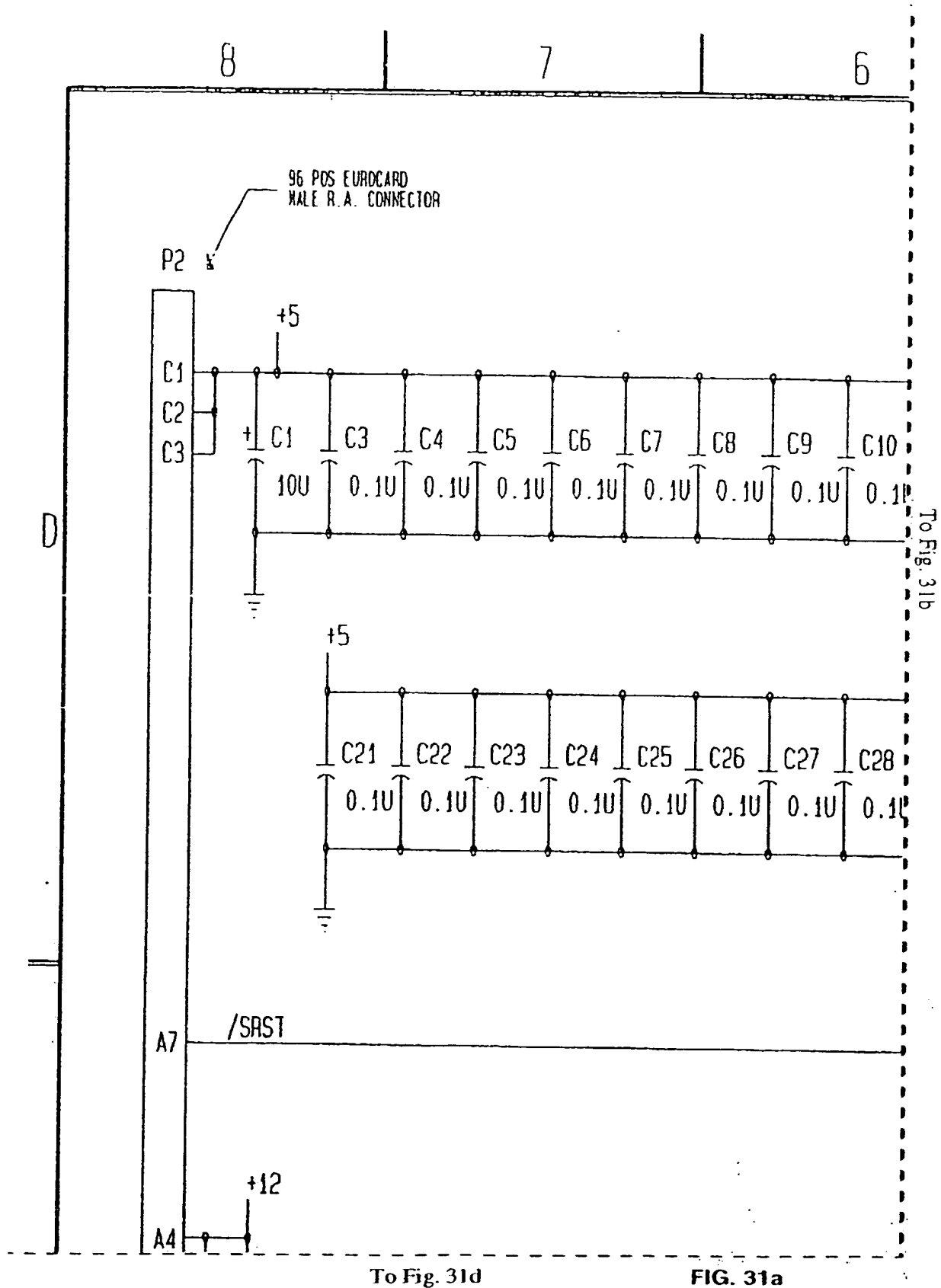
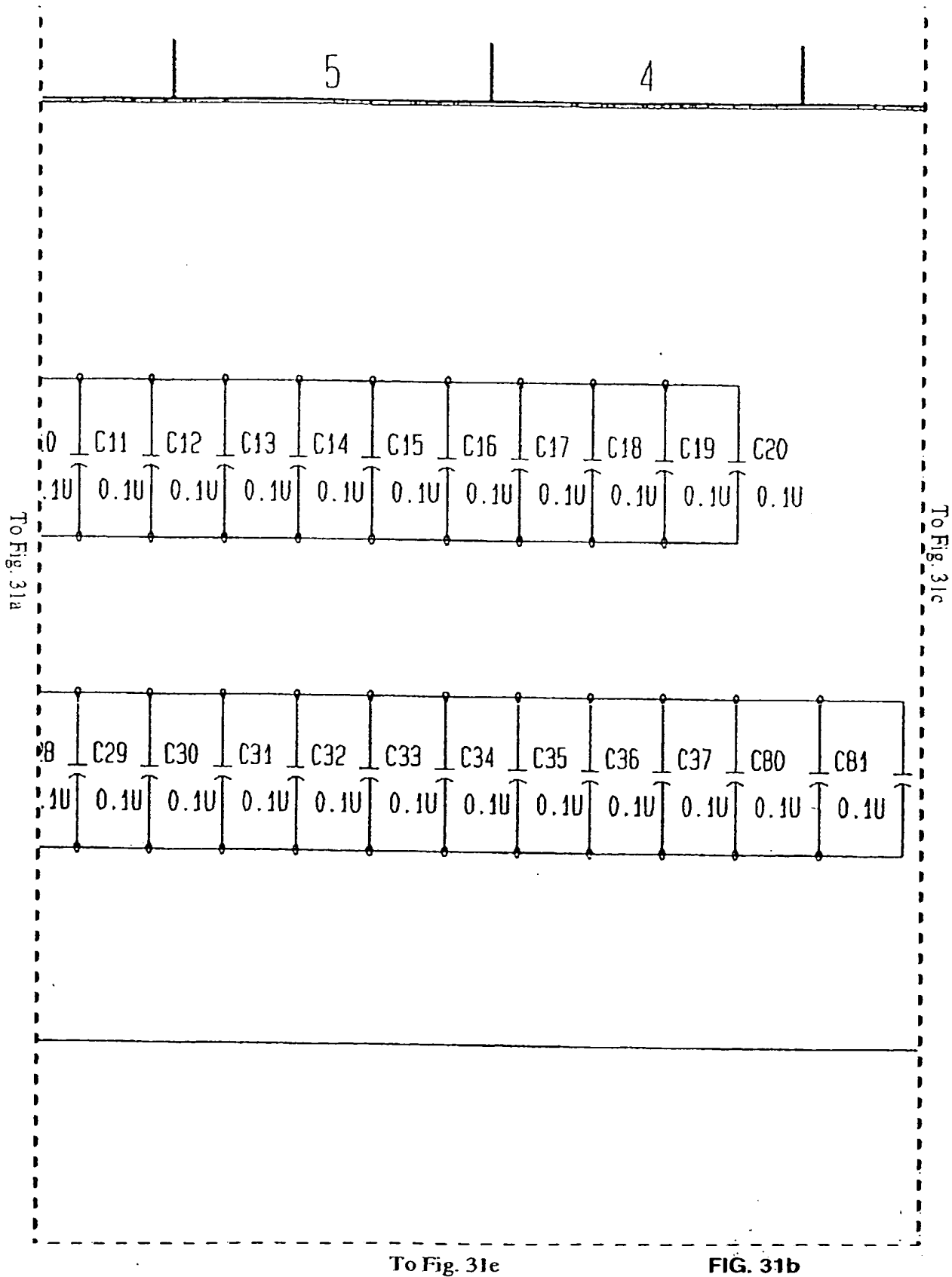


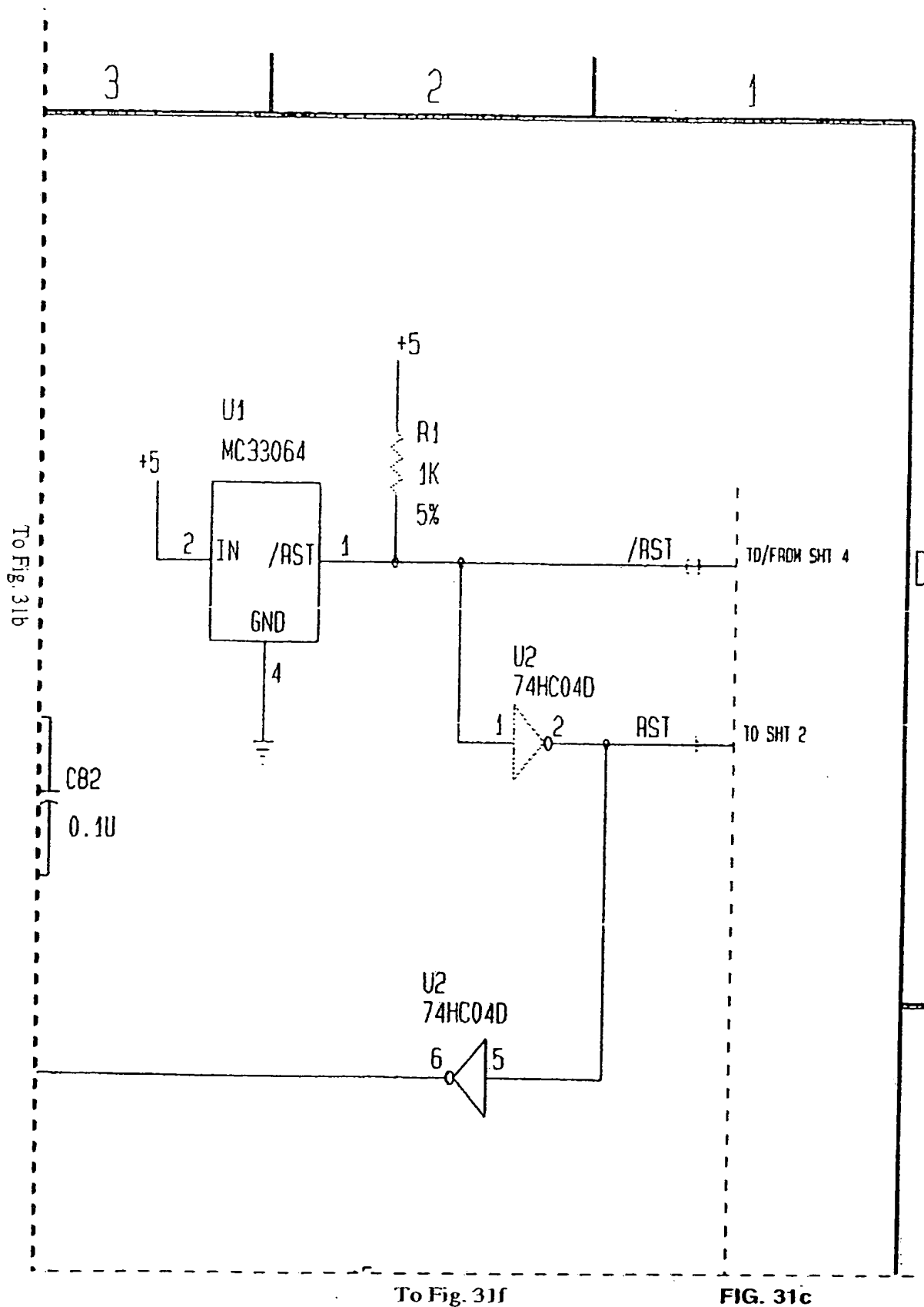
FIG. 30B





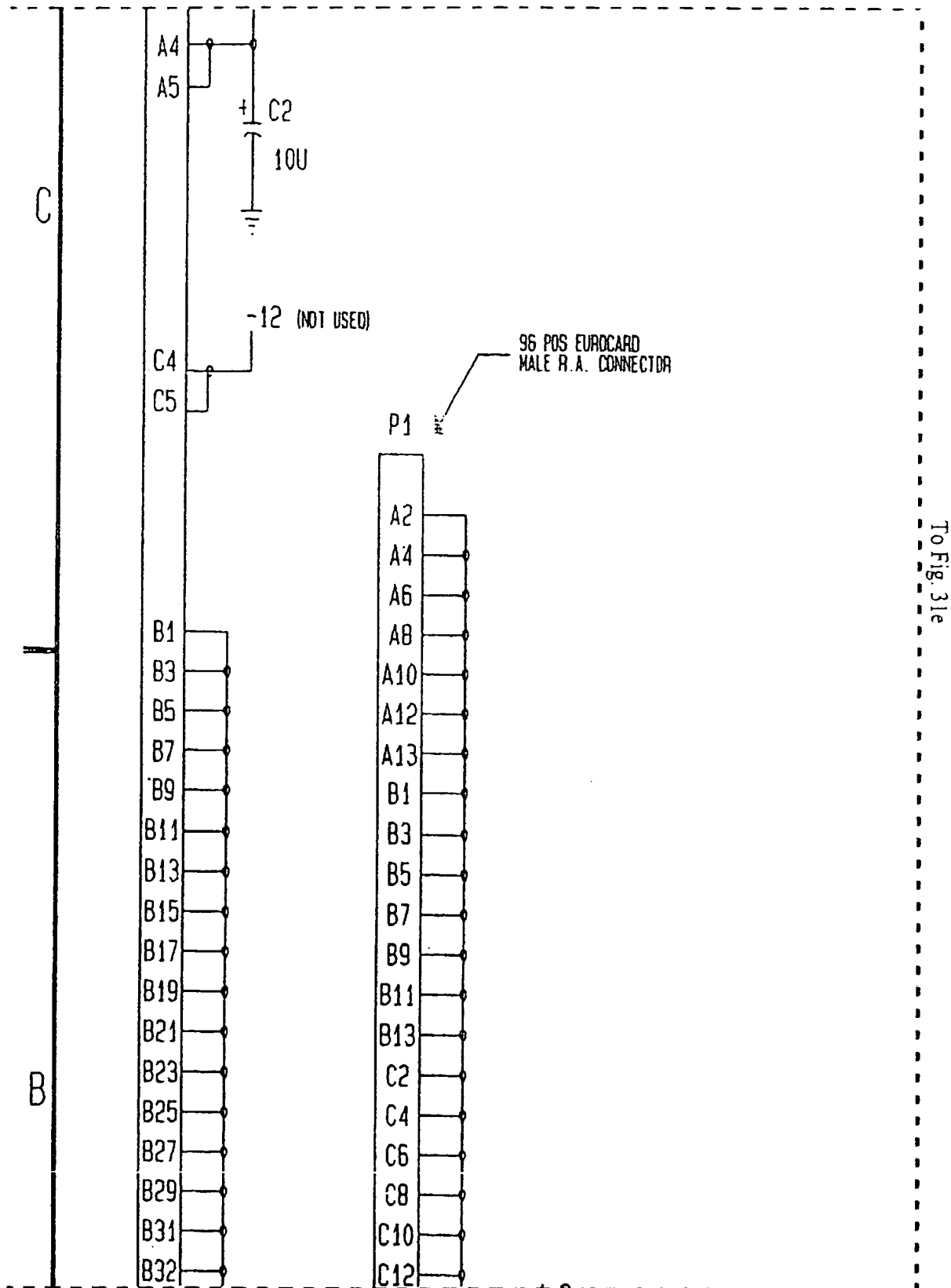


66 98 007



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To Fig. 31a



To Fig. 31g

FIG. 31d

68 68207

To Fig. 31b

To Fig. 31d

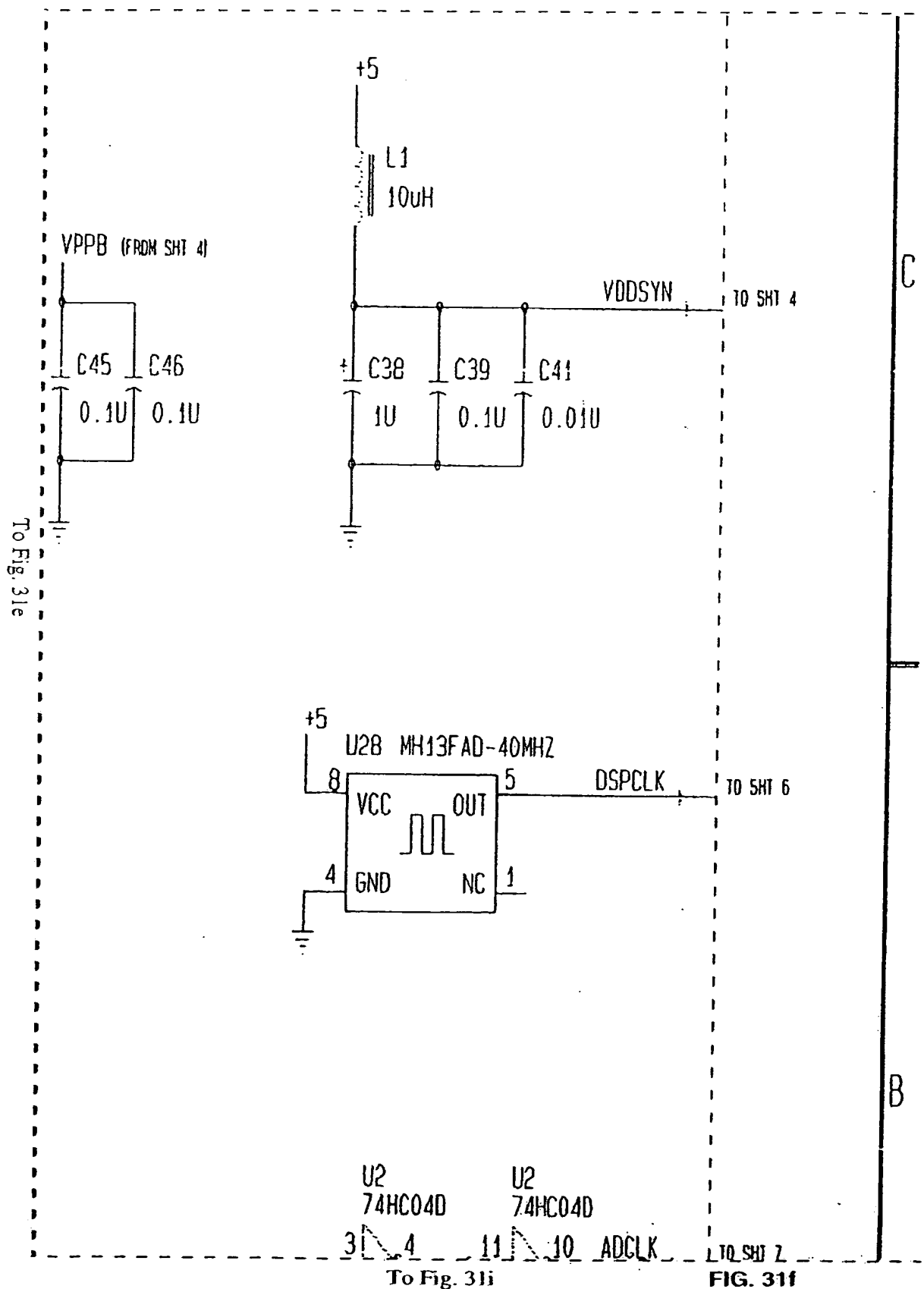
To Fig. 31f

To Fig. 31h

FIG. 31e

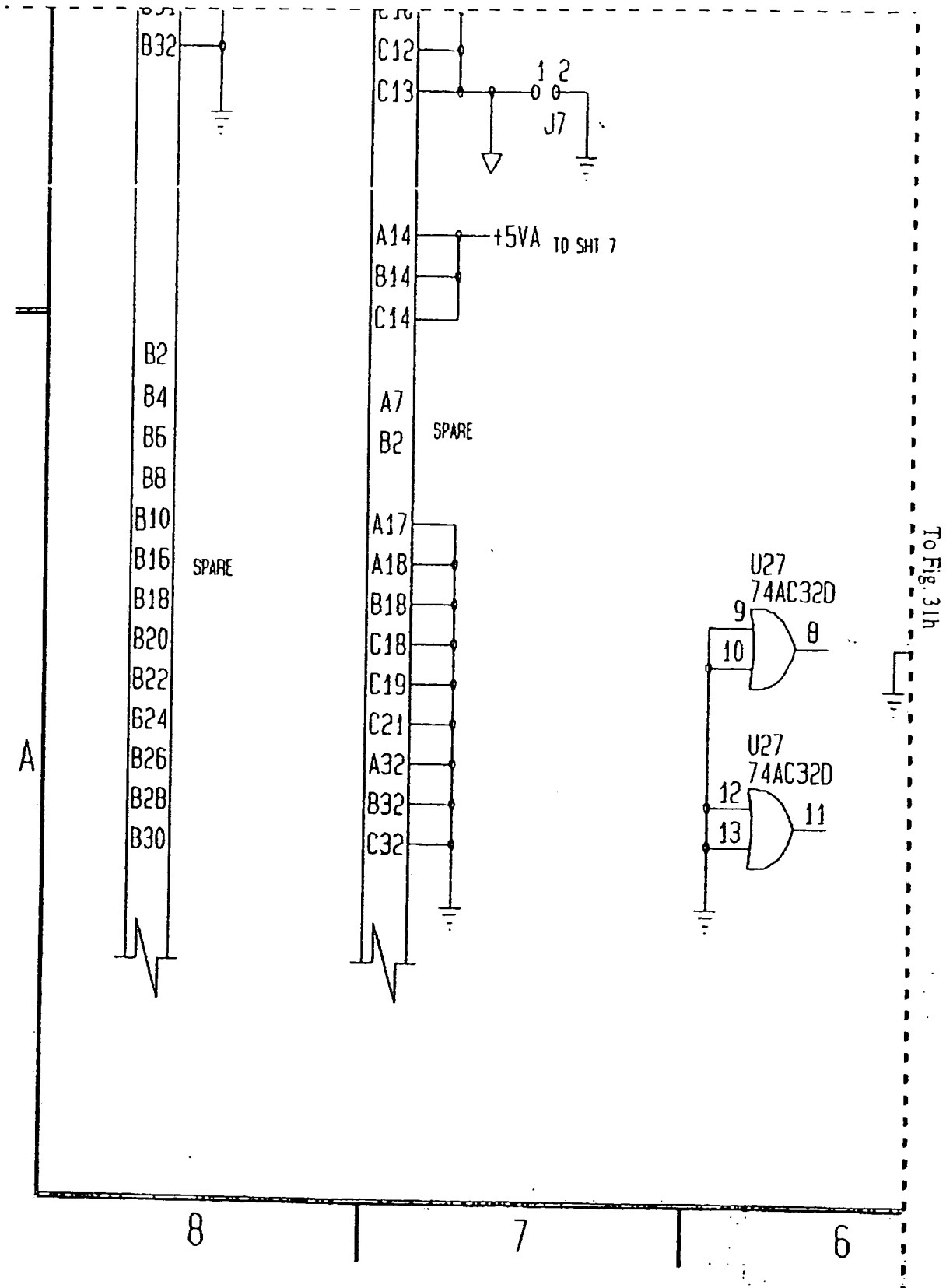
69 08 2007

To Fig. 31c



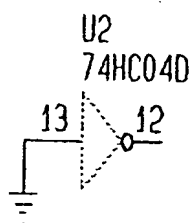
7063-07

To Fig. 31d



To Fig. 31e

To Fig. 31g



To Fig. 31i

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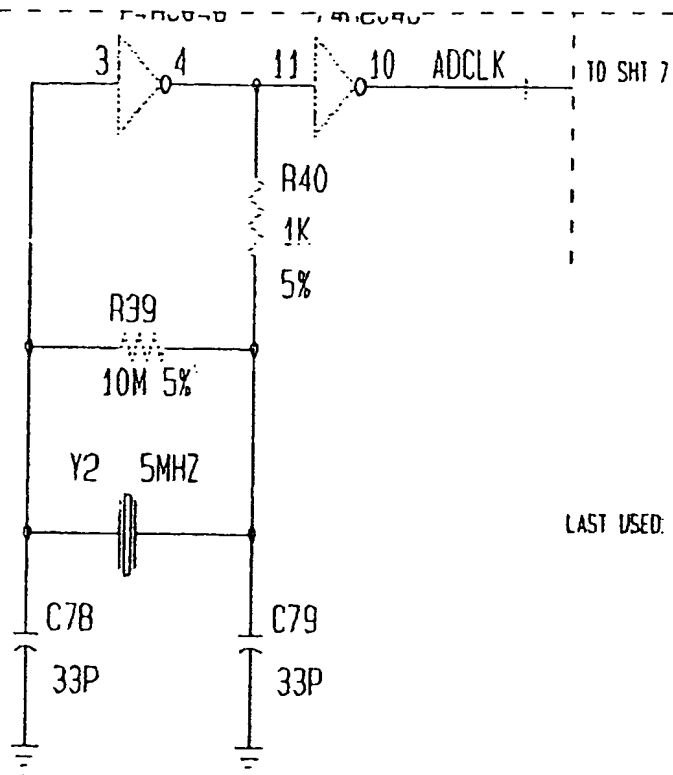
5

4

FIG. 31h

72 96 207

To Fig. 31f



LAST USED: C83
R62
U28
P3
J17
TP11
DS2

To Fig. 31h



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E

REV 1.2

DATE: MAY 20, 1993

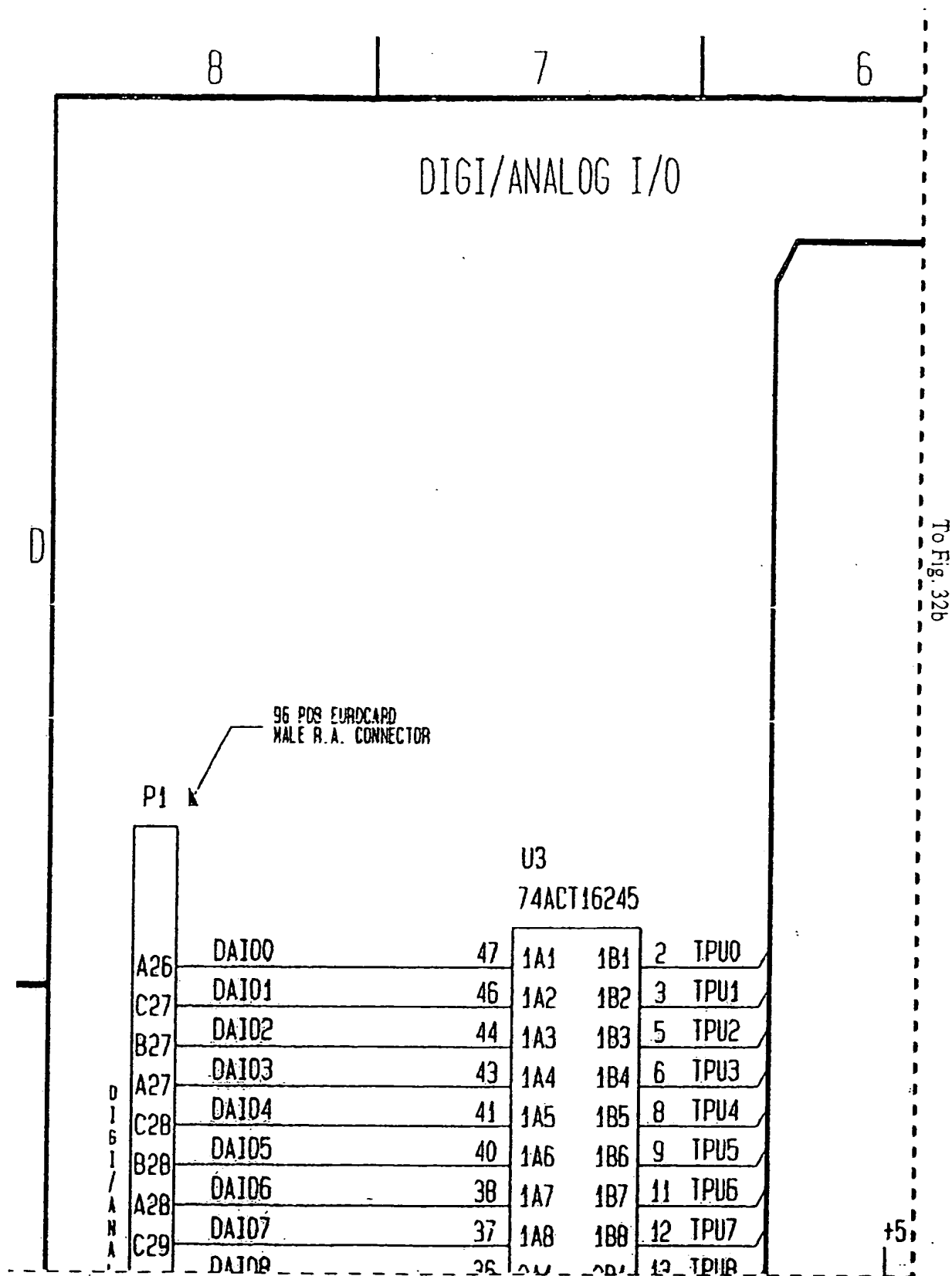
SHEET 1 OF 7

3

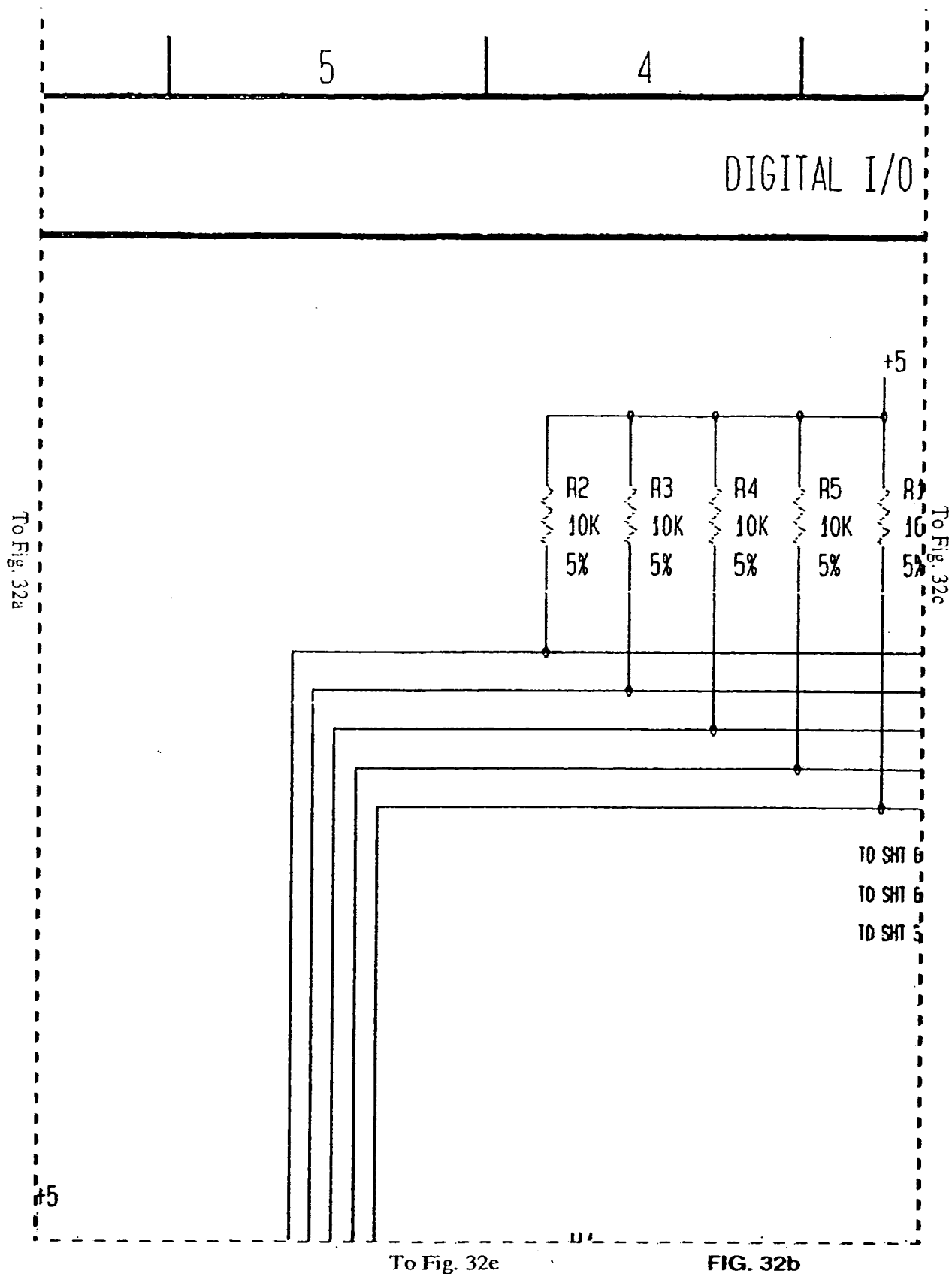
2

1

FIG. 31i



74 66 207



76 8 207

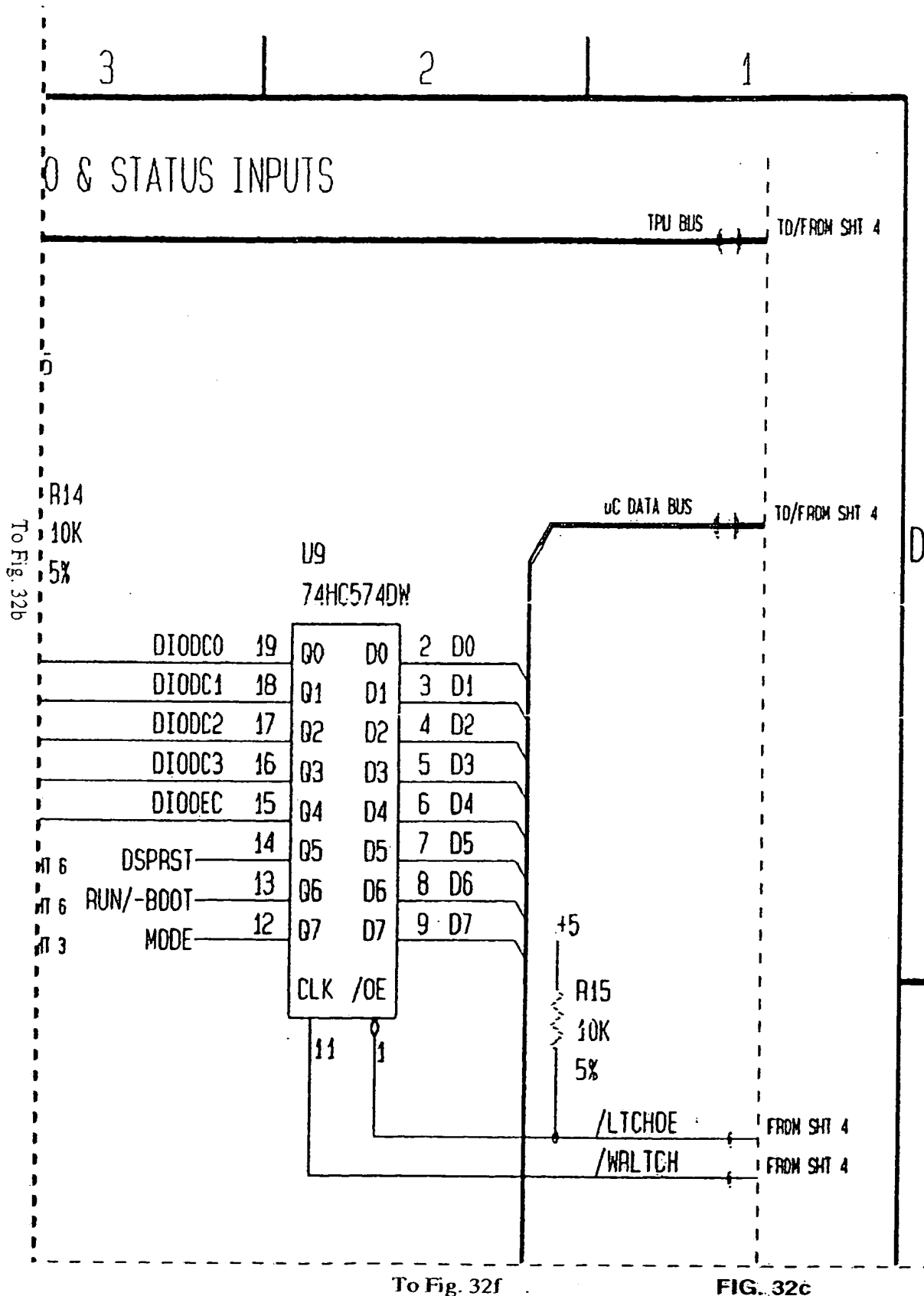
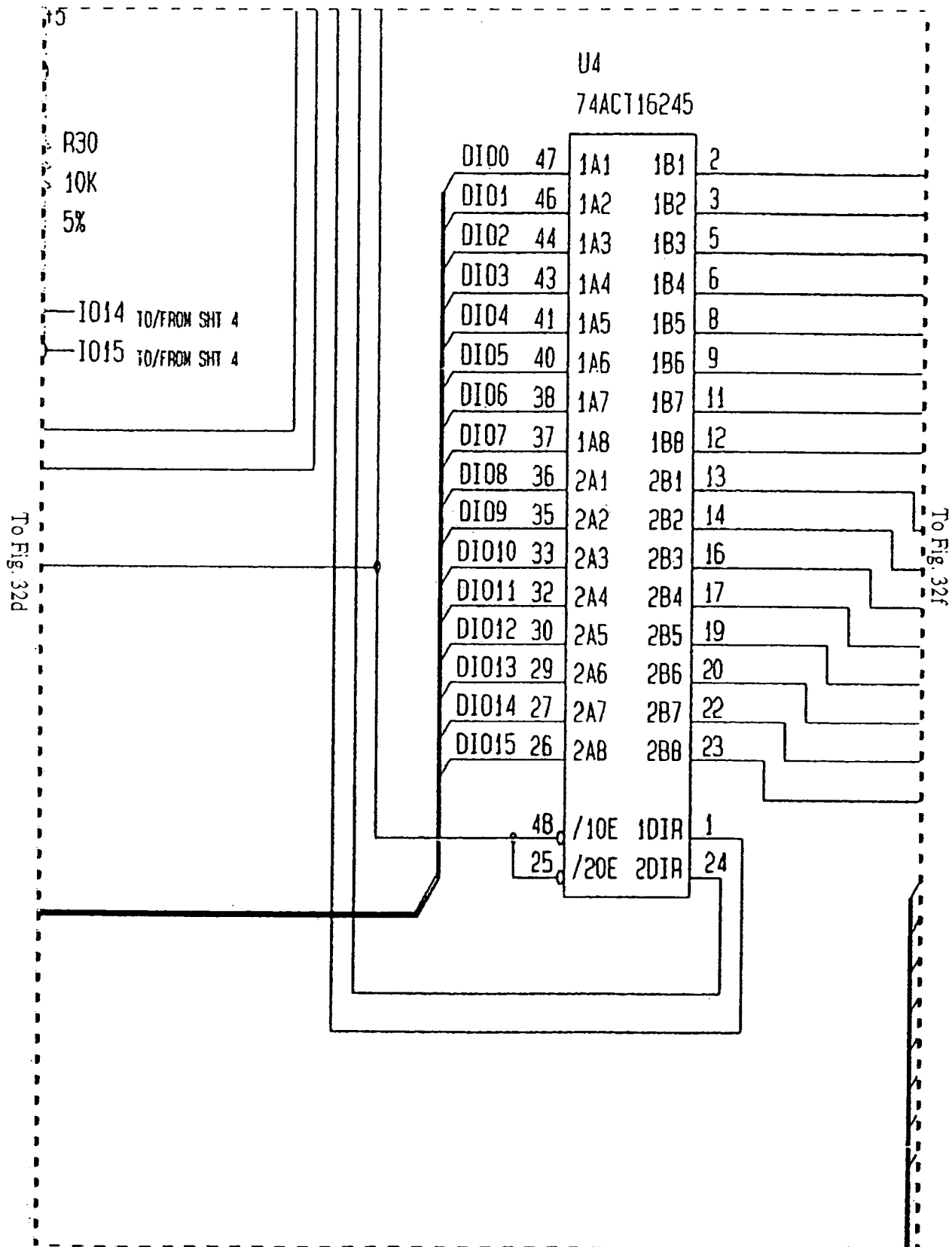


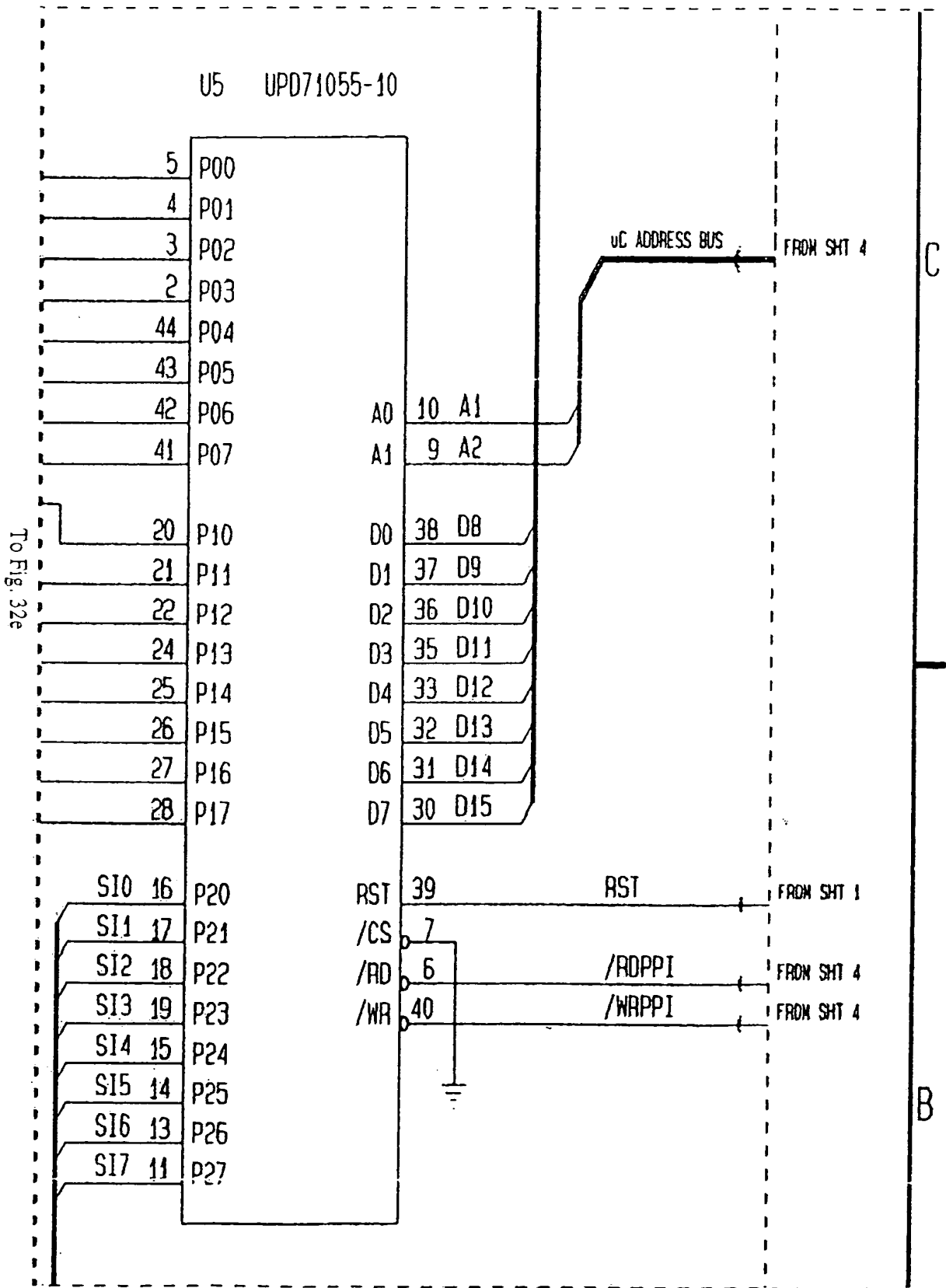
FIG. 32d

77 06 207

To Fig. 32b



To Fig. 32c



79 8207

To Fig. 32d

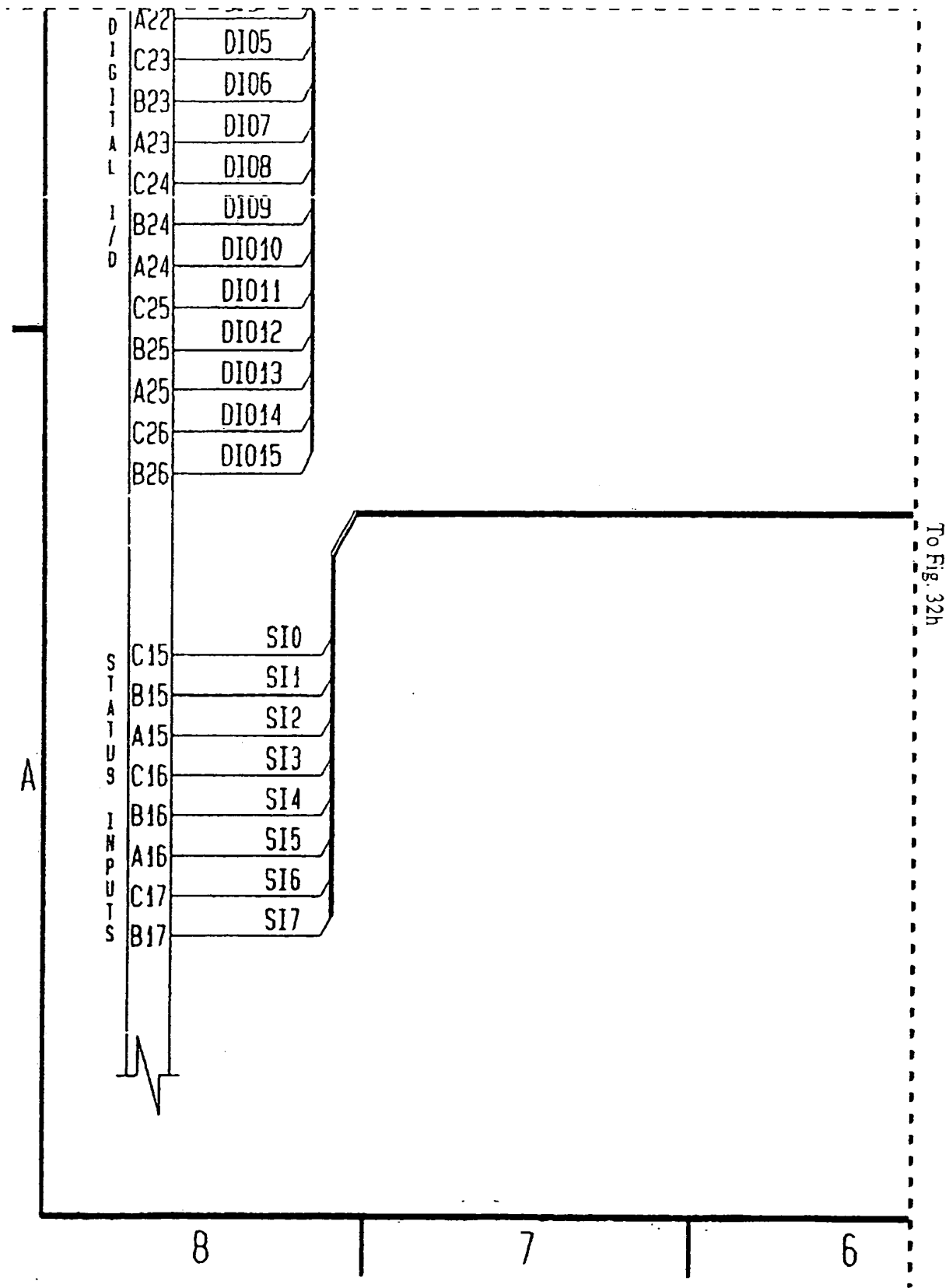


FIG. 32g

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To Fig. 32e

To Fig. 32b

To Fig. 32i

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FIG. 32h

To Fig. 32f

To Fig. 32h

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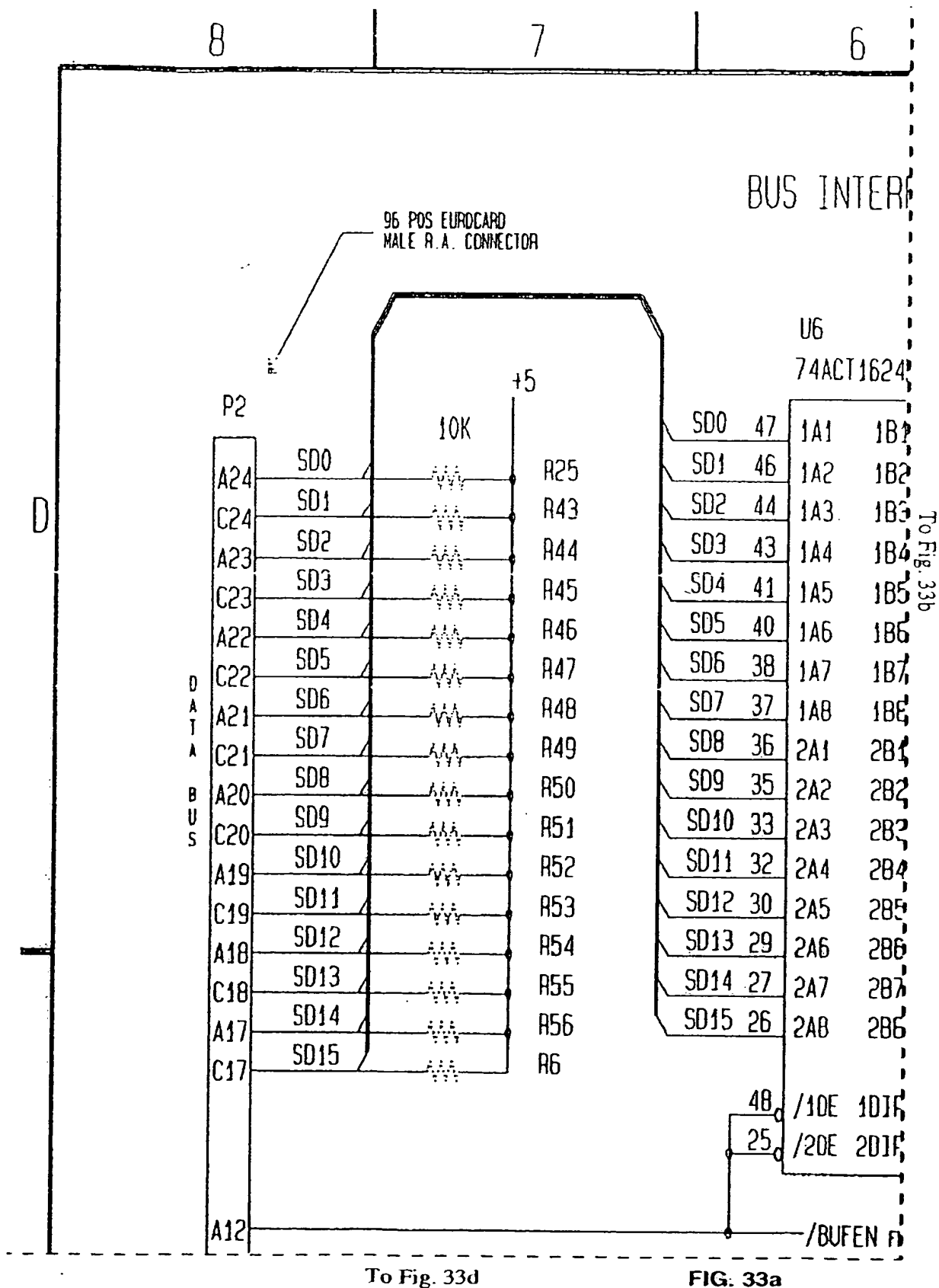
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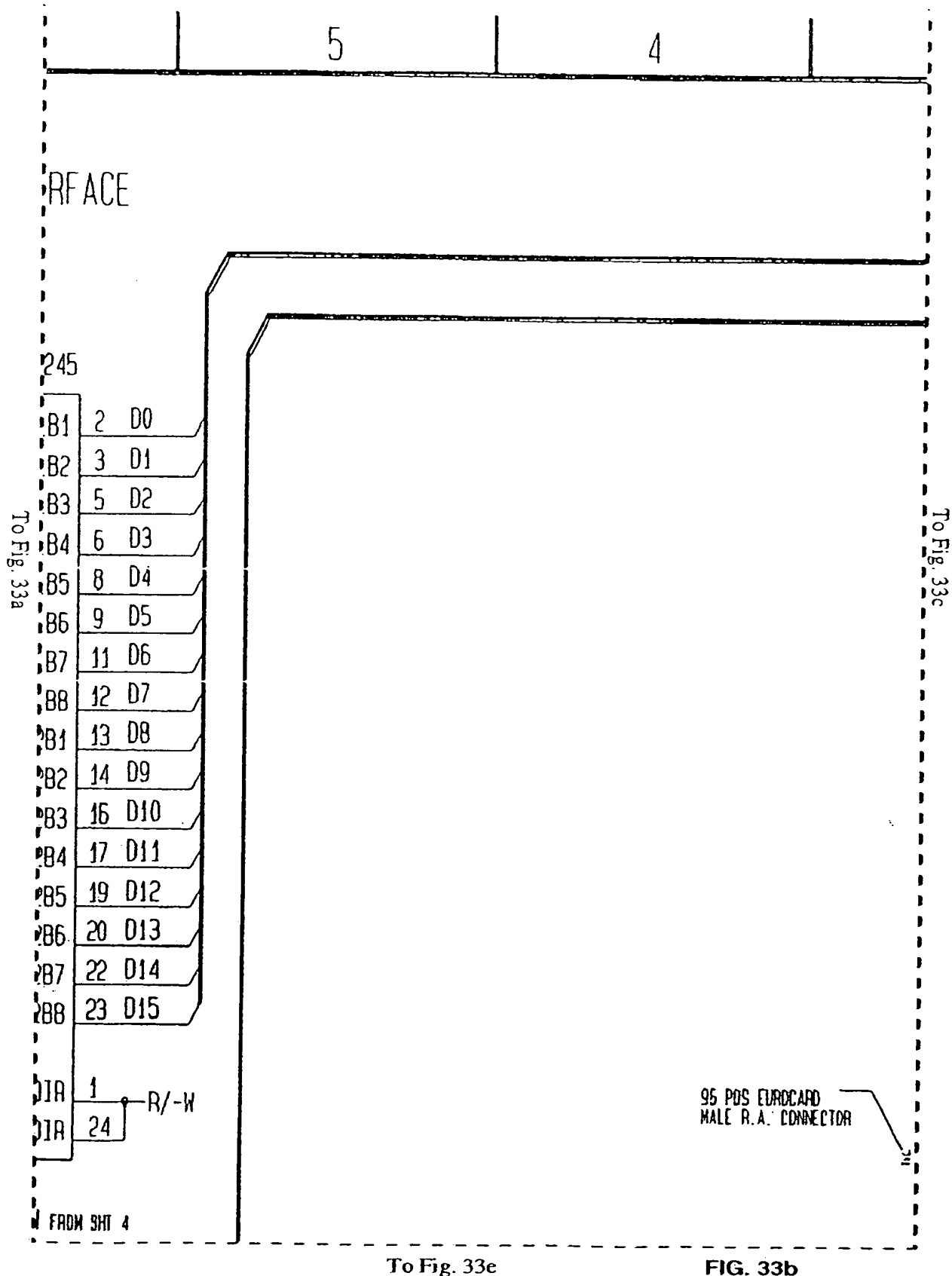
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FIG. 32i

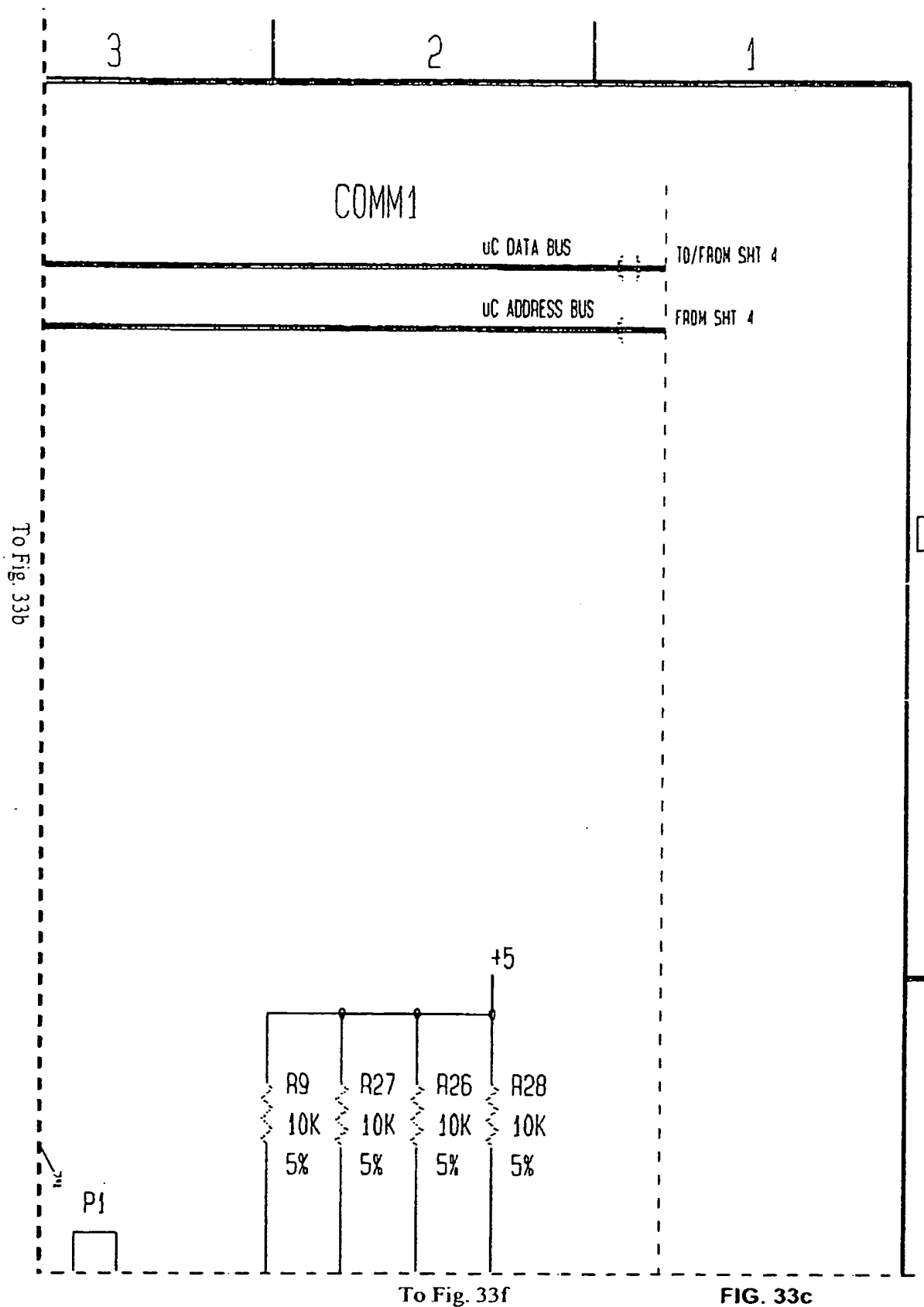
82 06 207

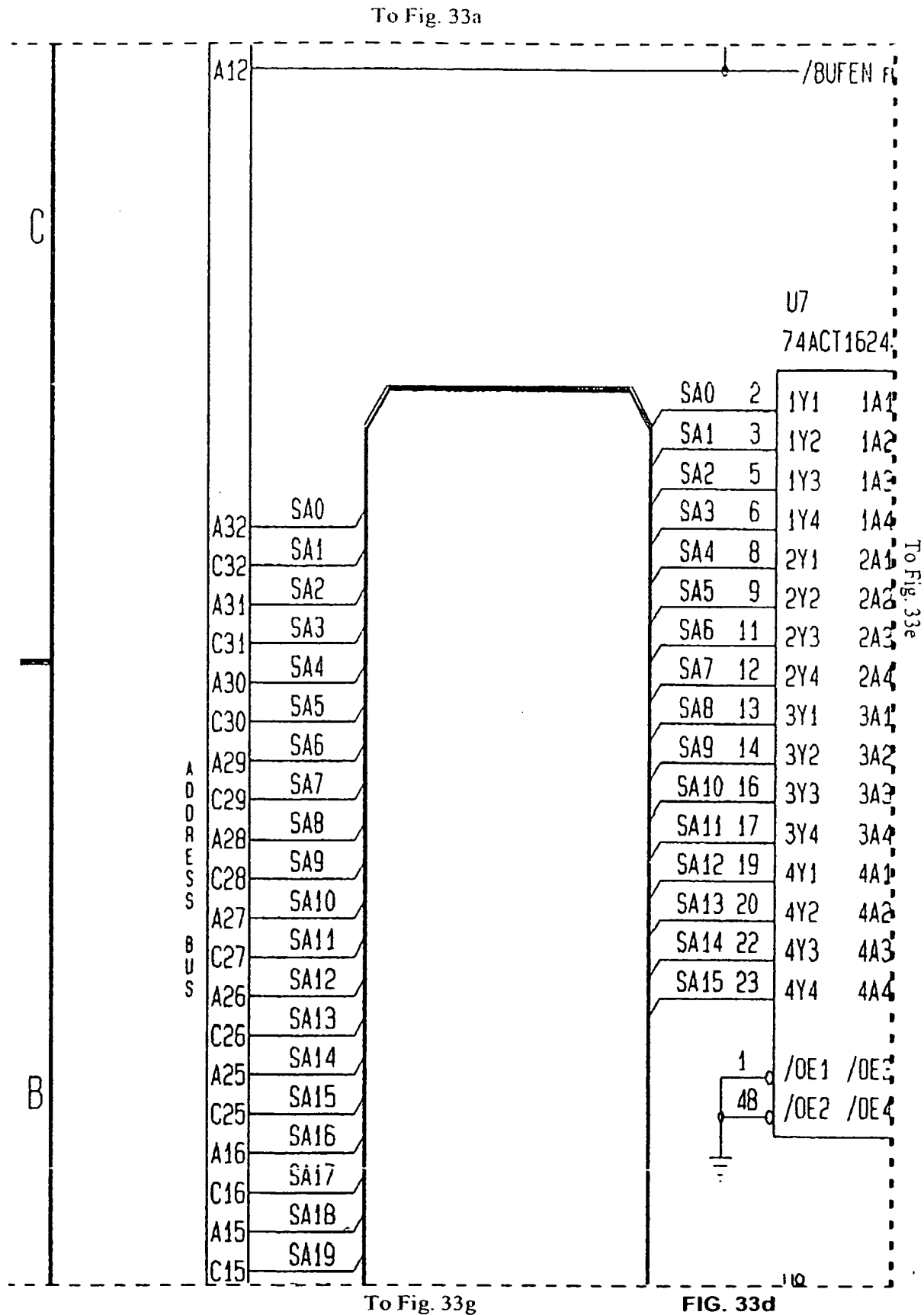


83 86307

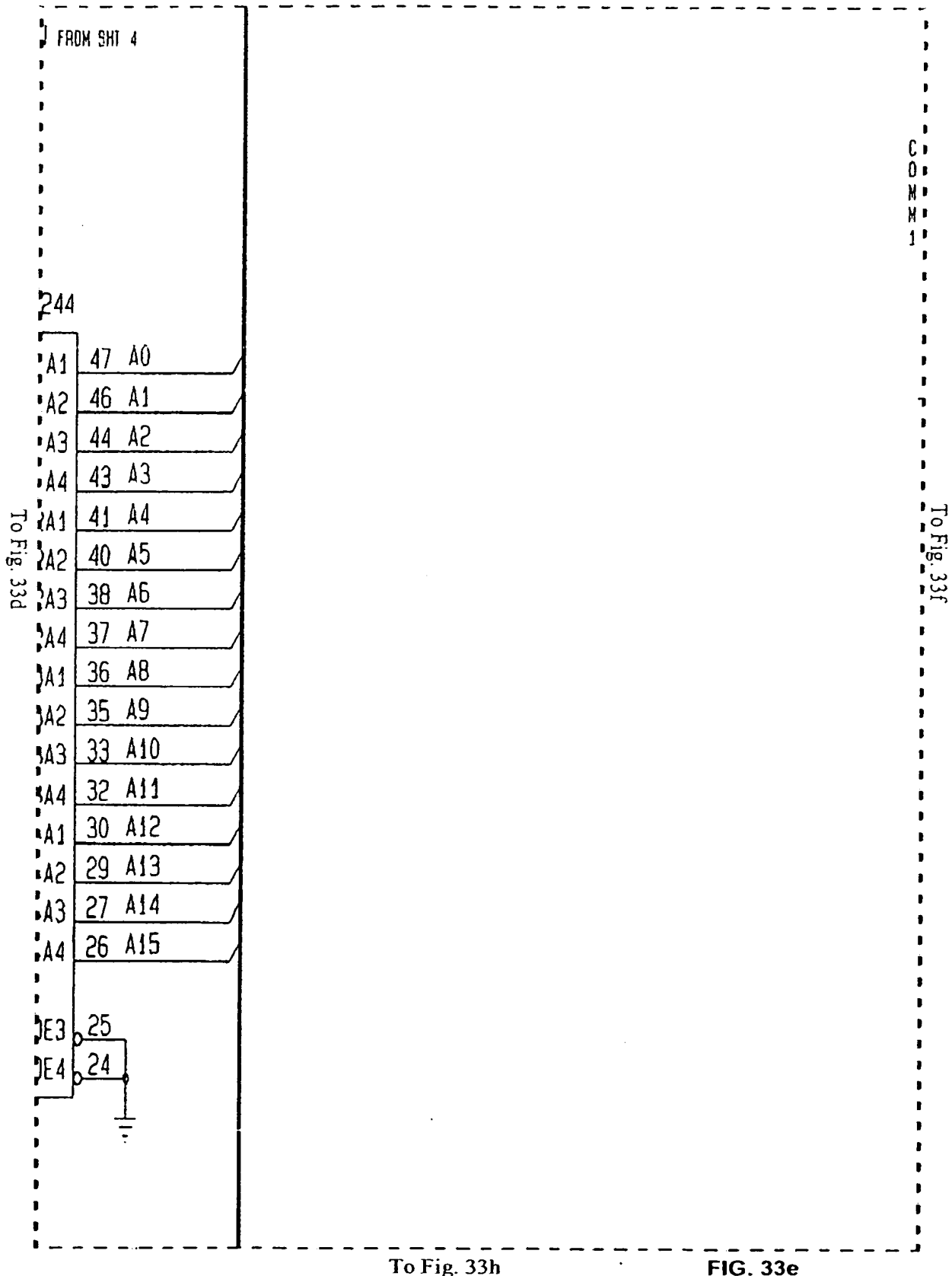


84 06 207

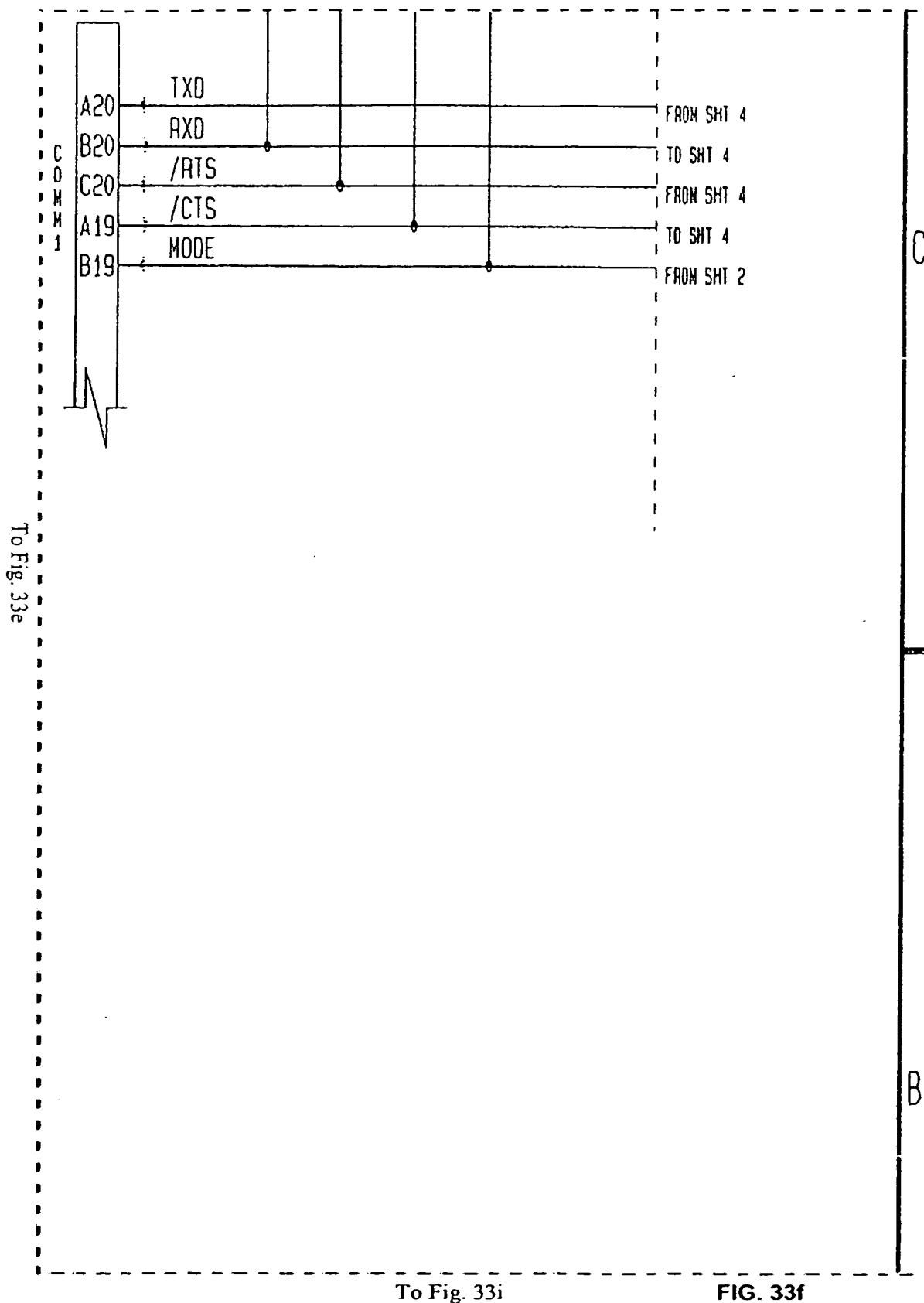




To Fig. 33b



To Fig. 33c



88 J 07

To Fig. 33d

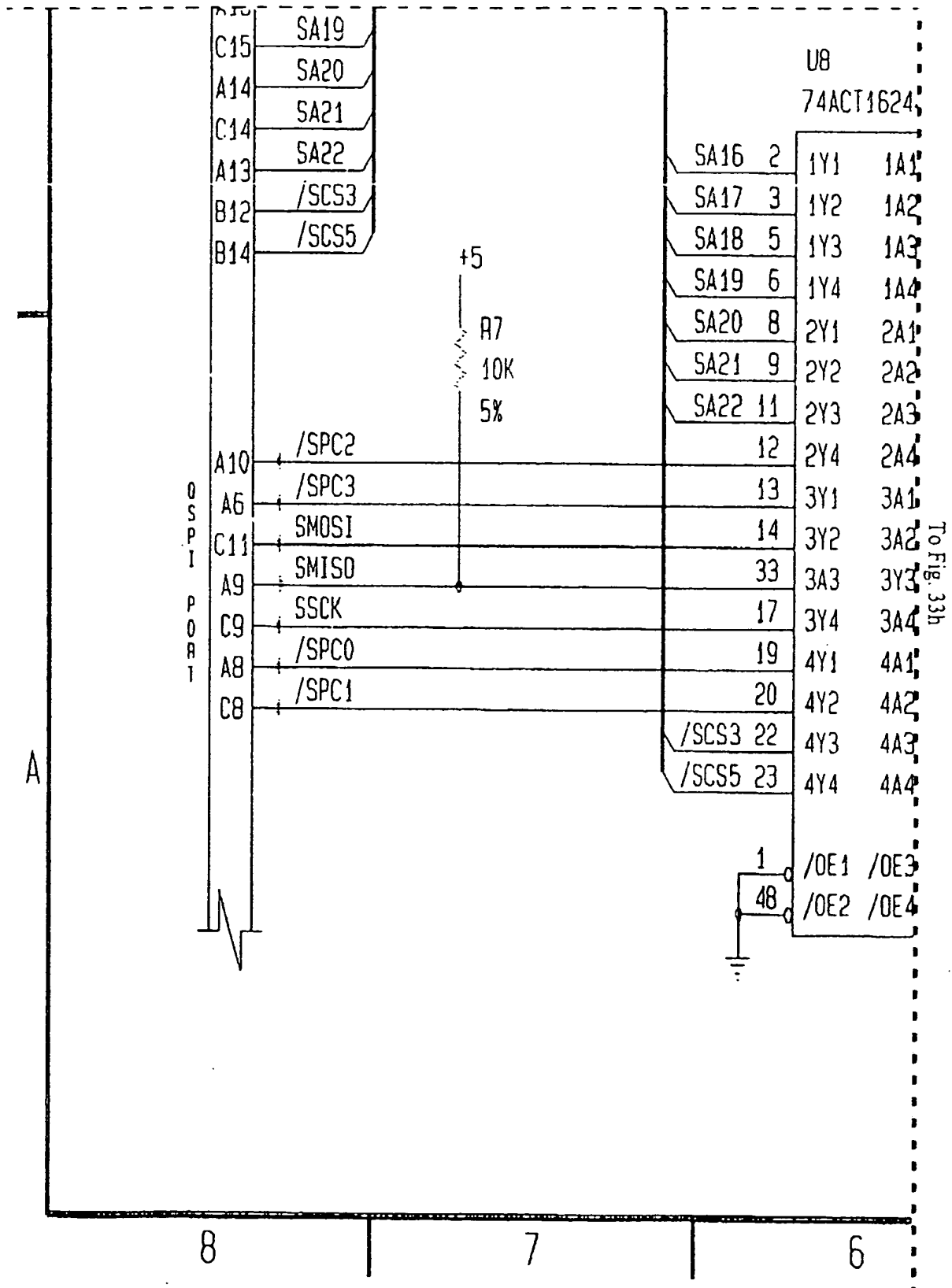


FIG. 33g

To Fig. 33c

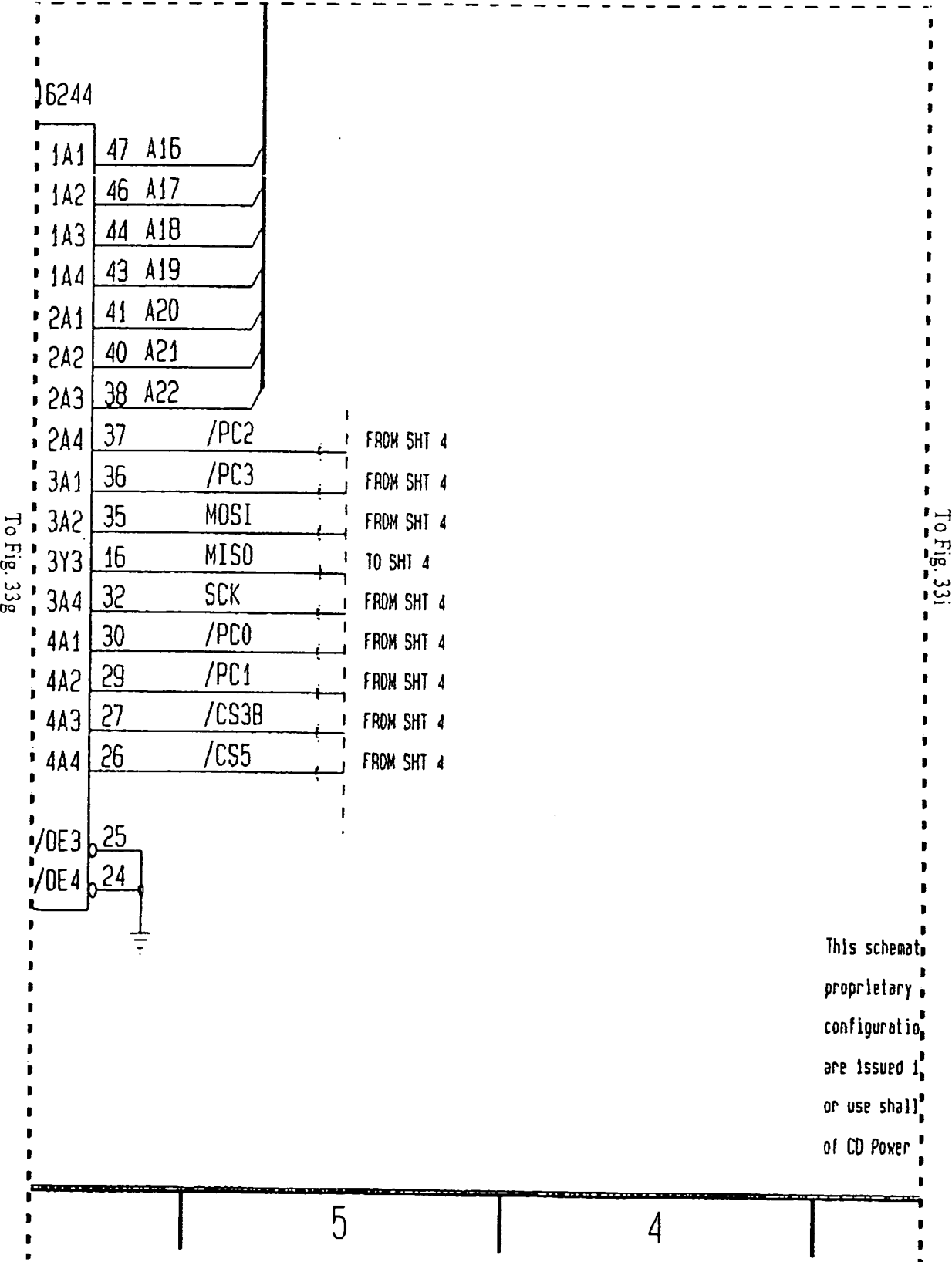



FIG. 33h

To Fig. 33f

To Fig. 33h

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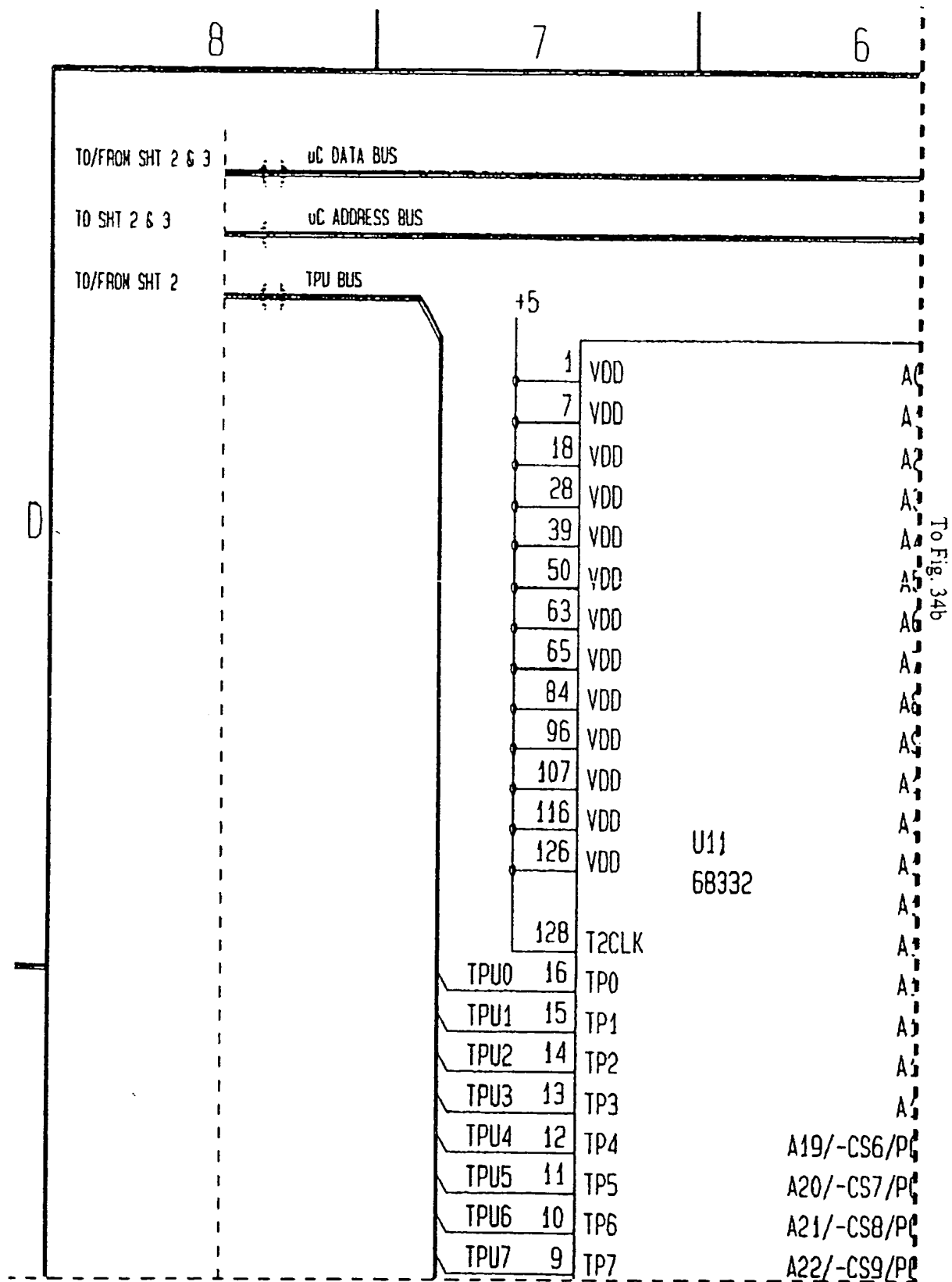
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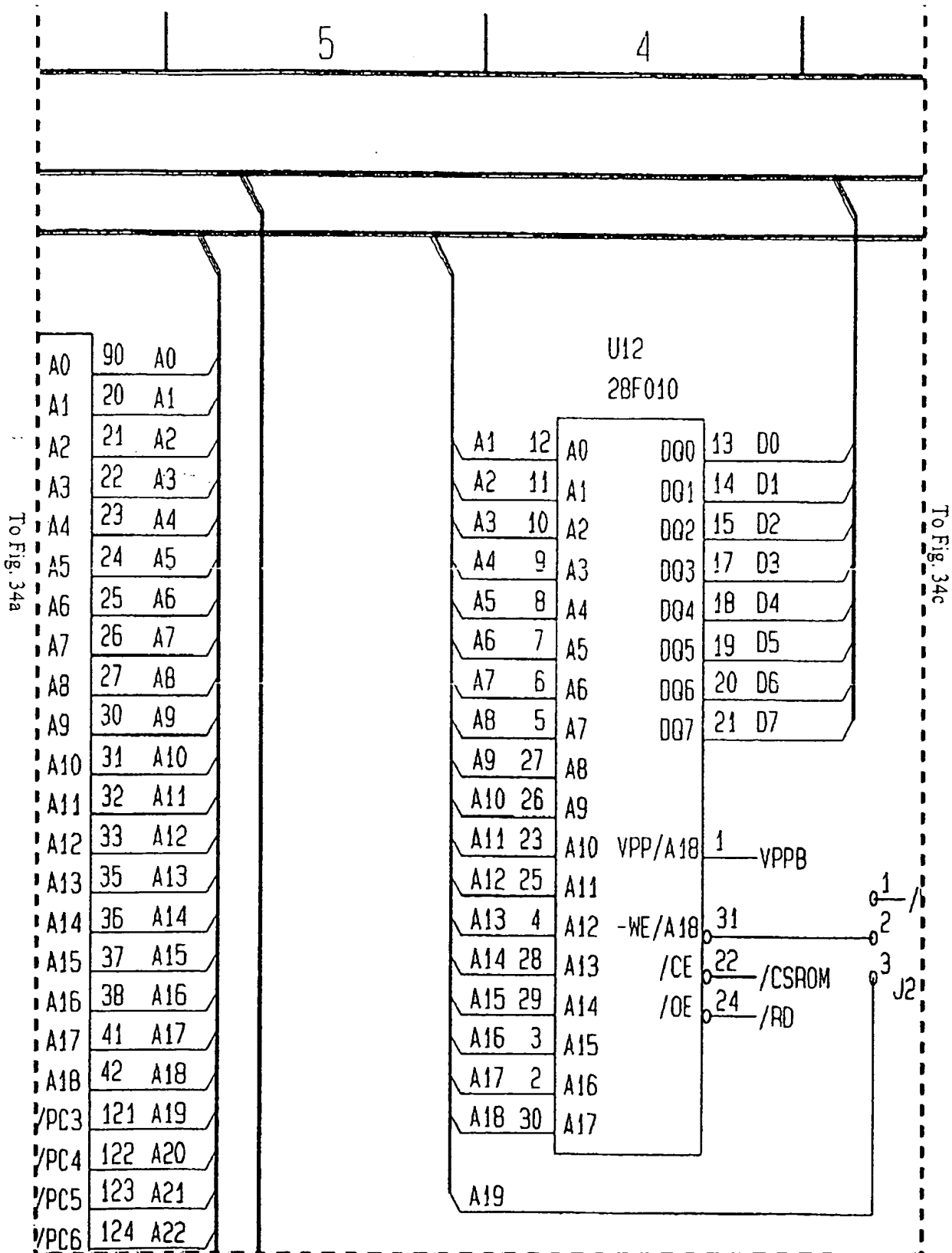
1

FIG. 33i



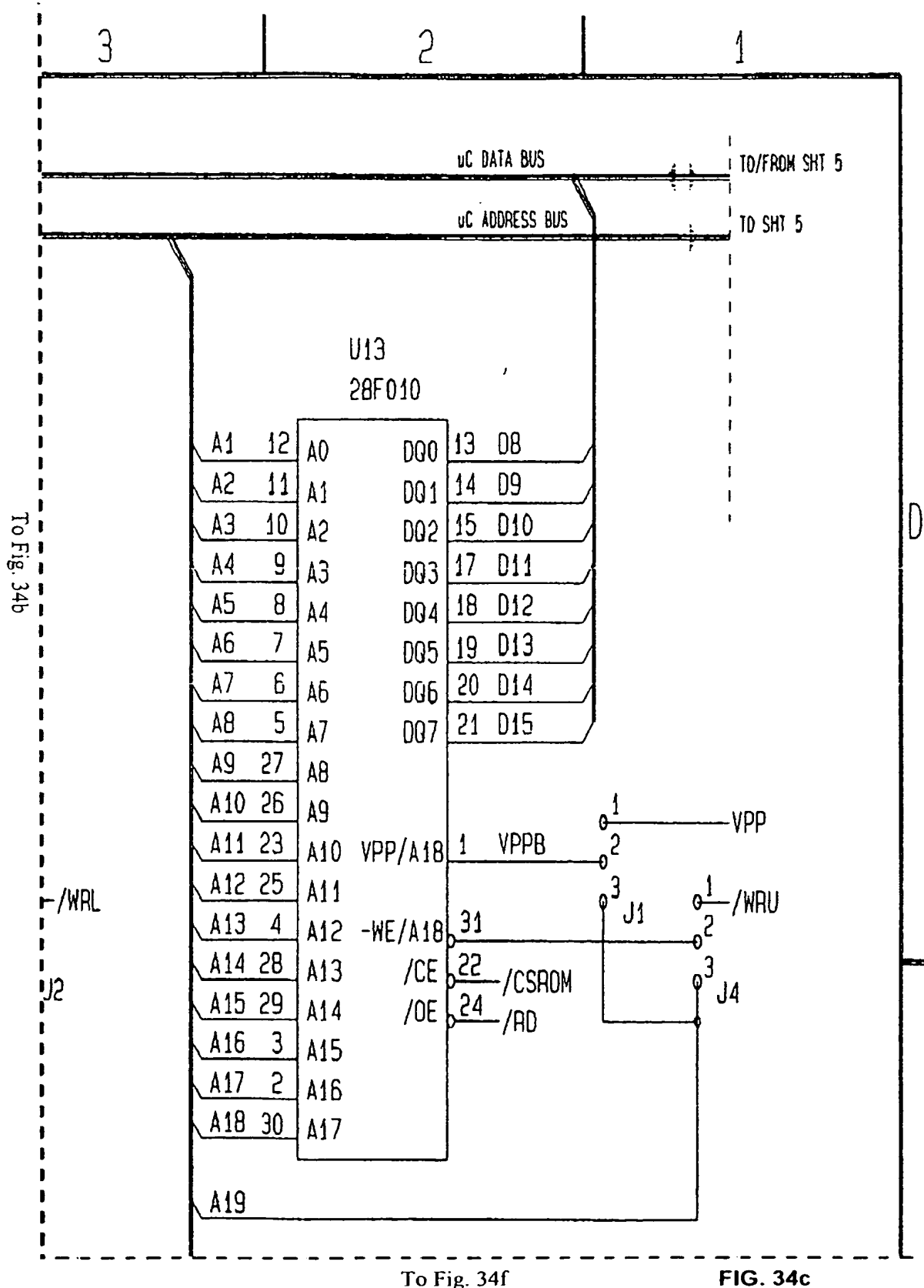
To Fig. 34d

FIG. 34a

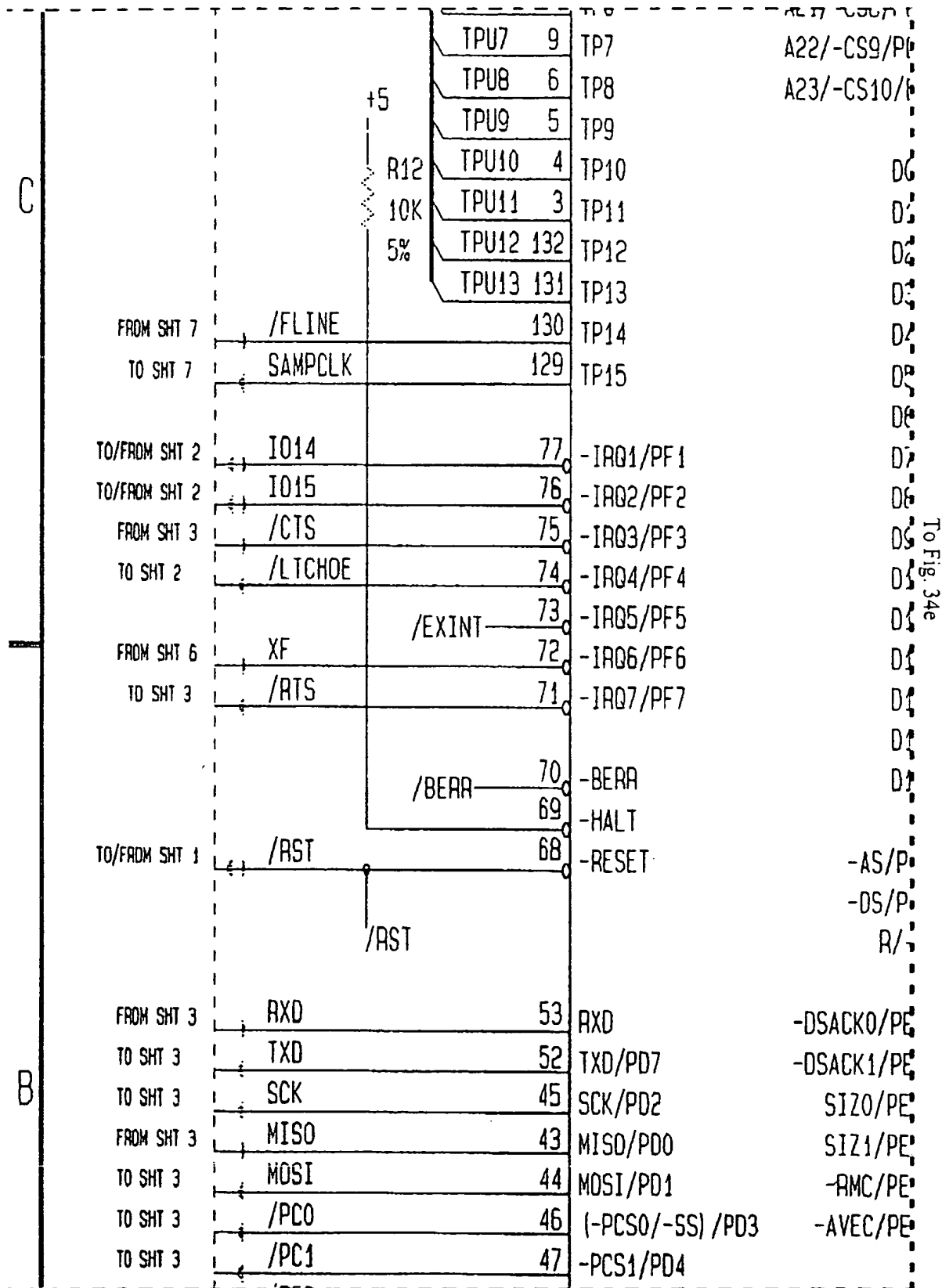


To Fig. 34c

FIG. 34b



To Fig. 34a

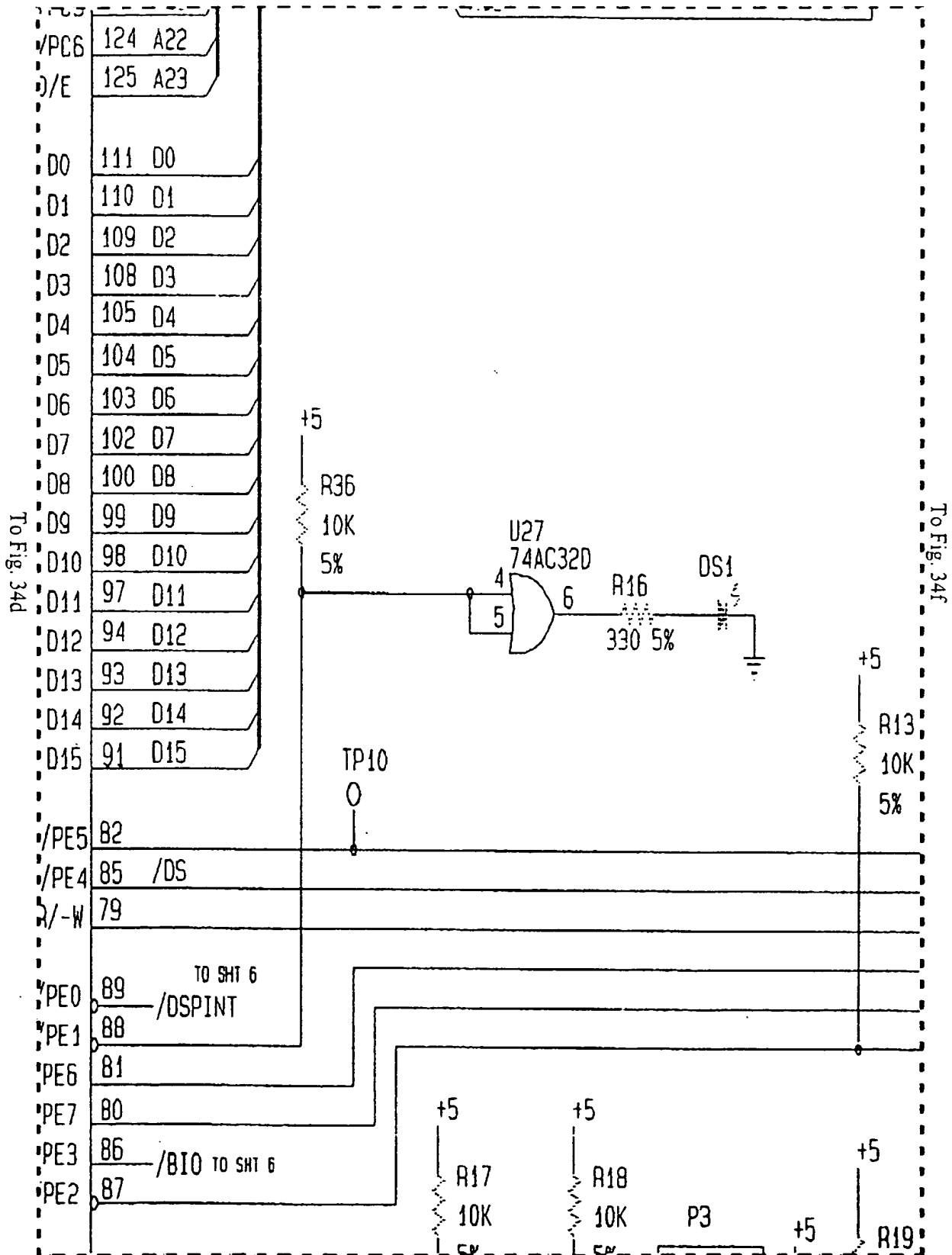


To Fig. 34g

FIG. 34d

458267

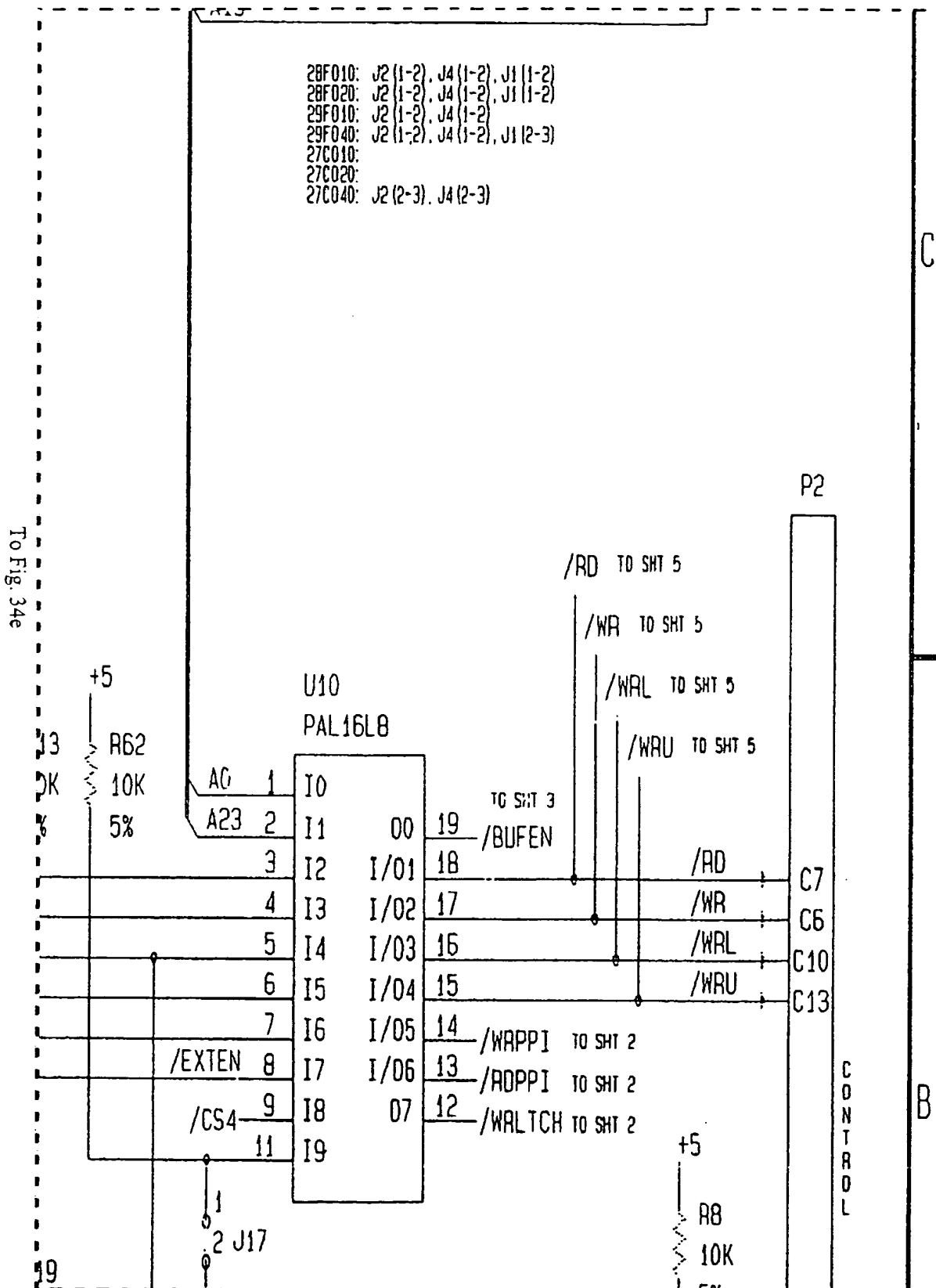
To Fig. 34b



To Fig. 34h

FIG. 34e

To Fig. 34c



To Fig. 34e

To Fig. 34i

FIG. 34f

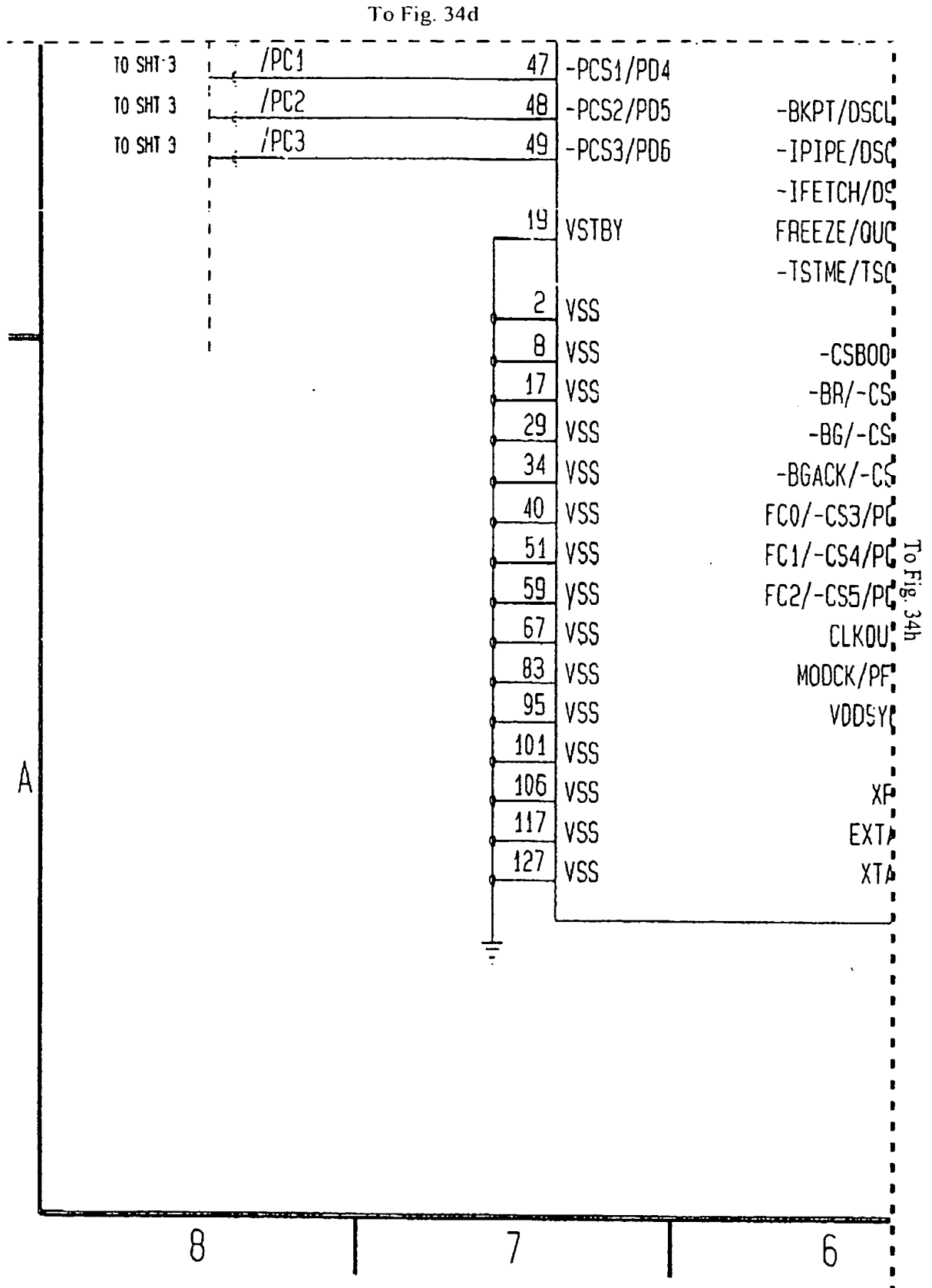
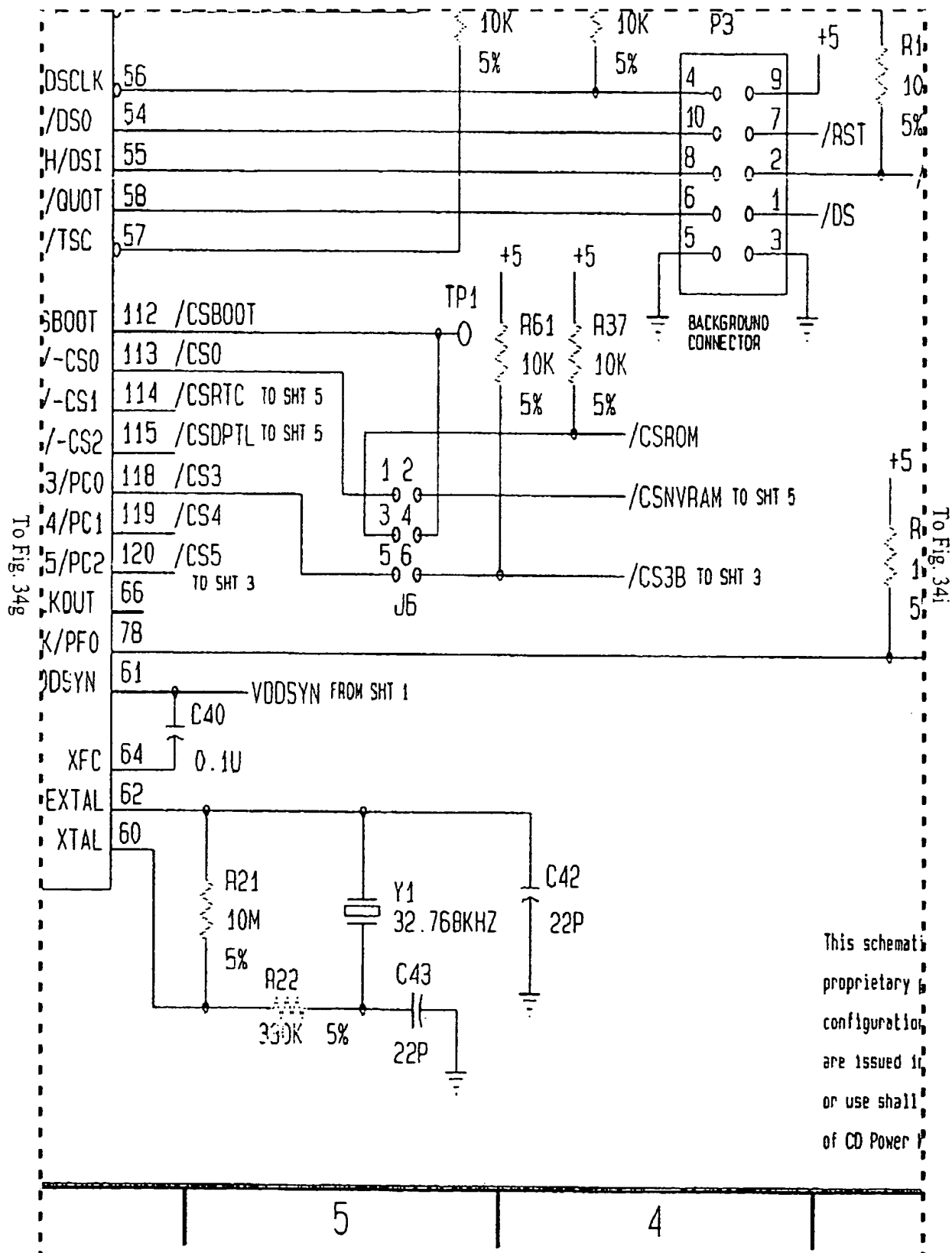


FIG. 34g

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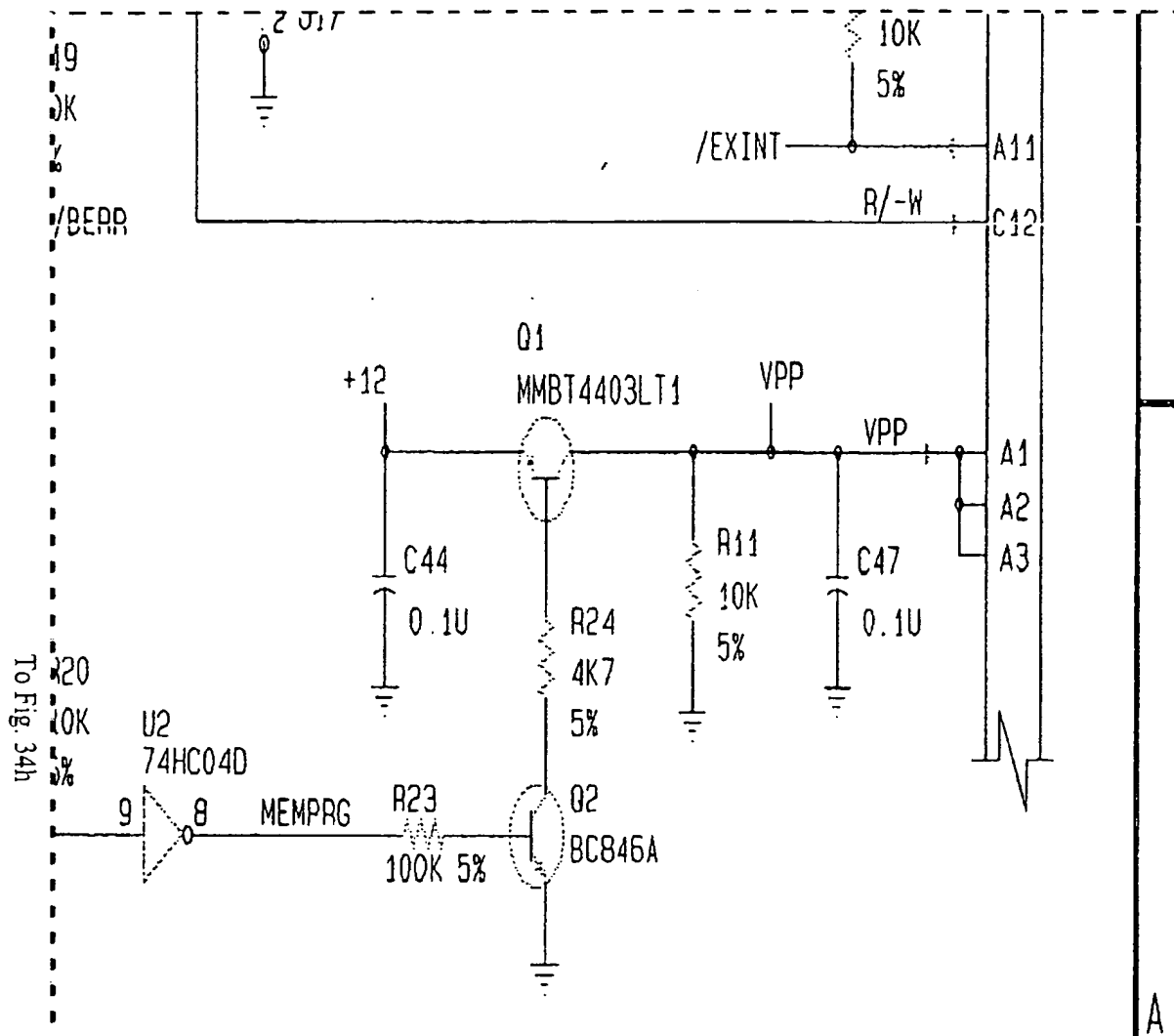
To Fig. 34e



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To Fig. 34f



To Fig. 34h

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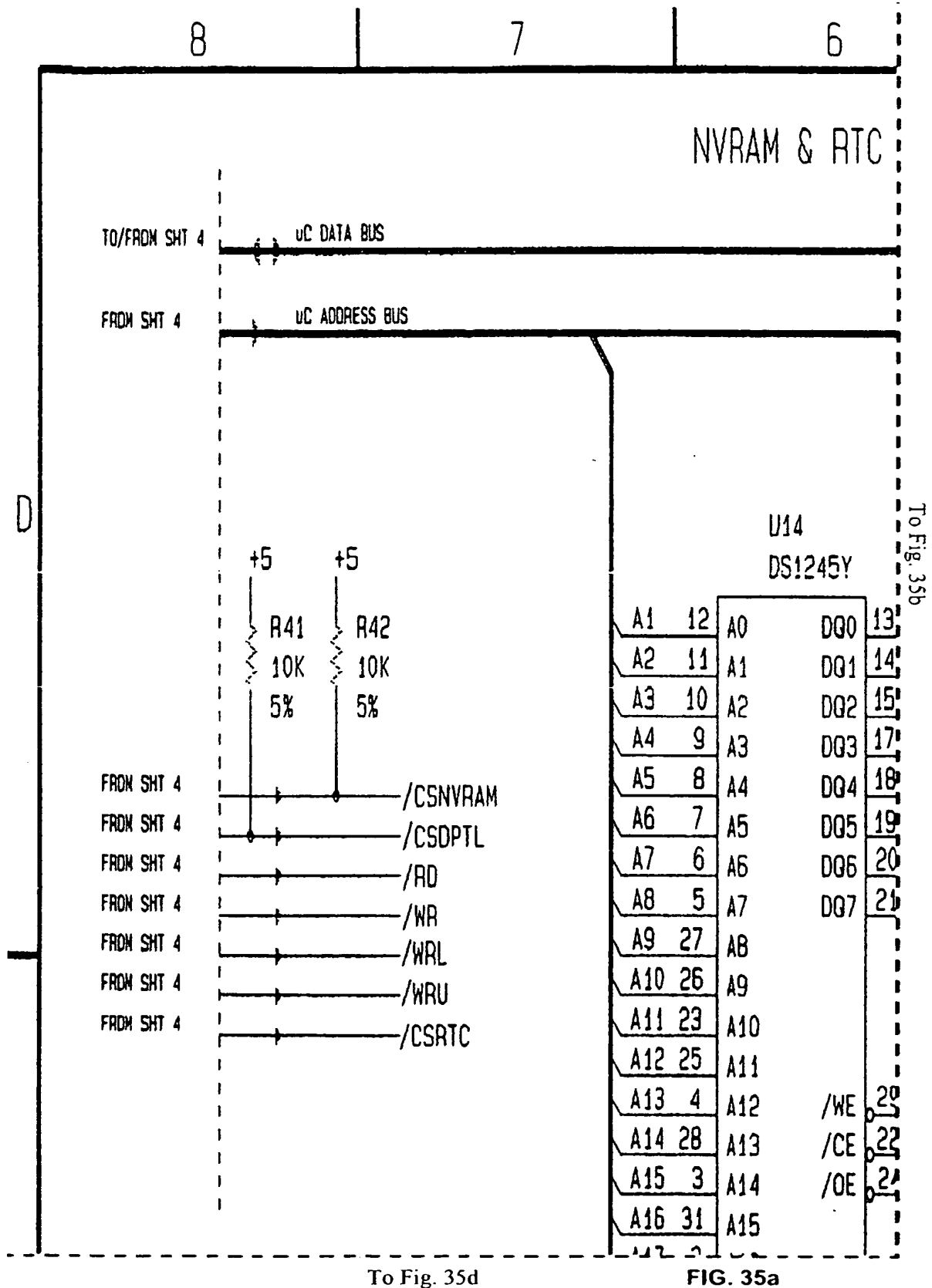
SHEET 4 OF 7

3

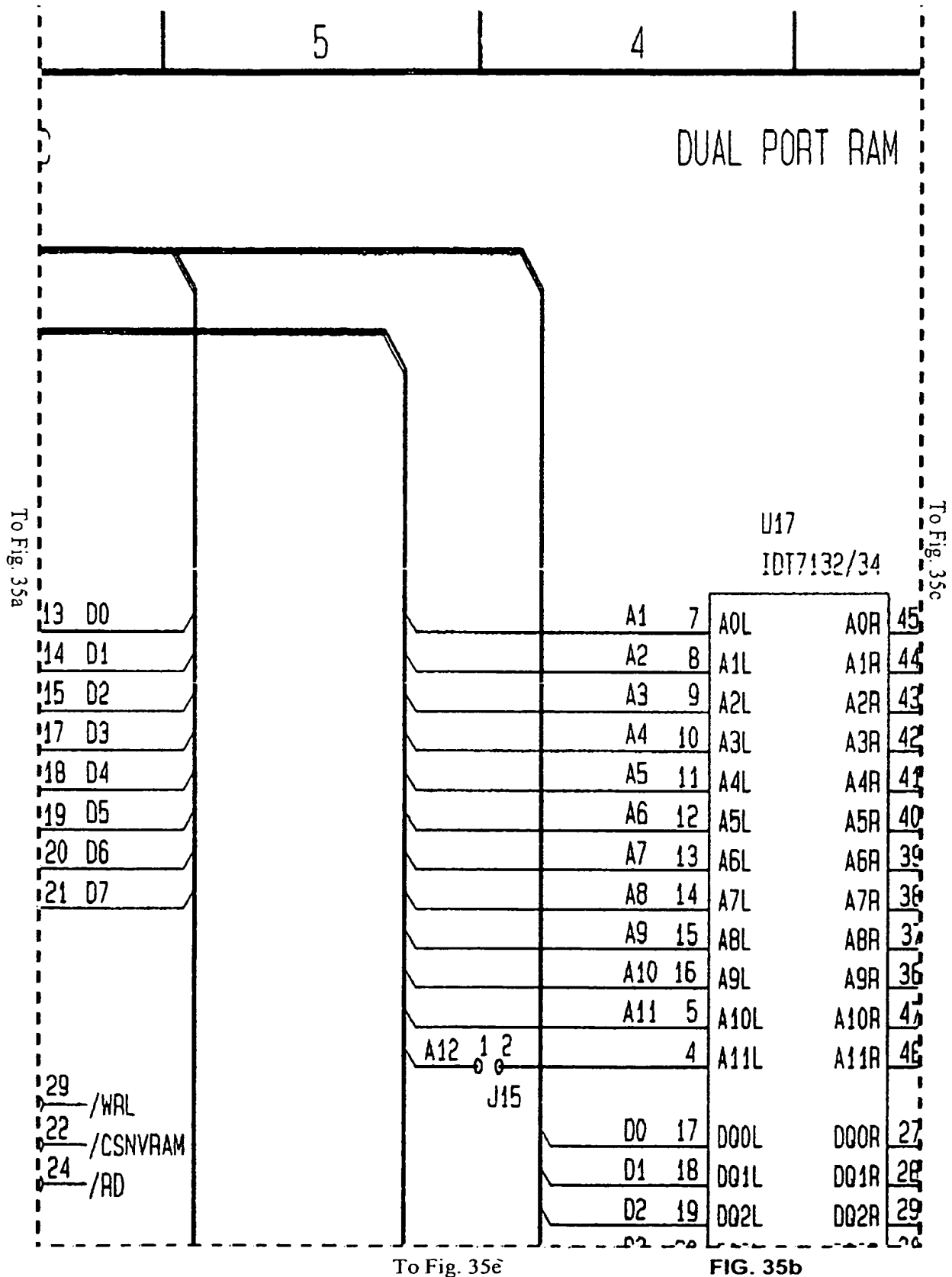
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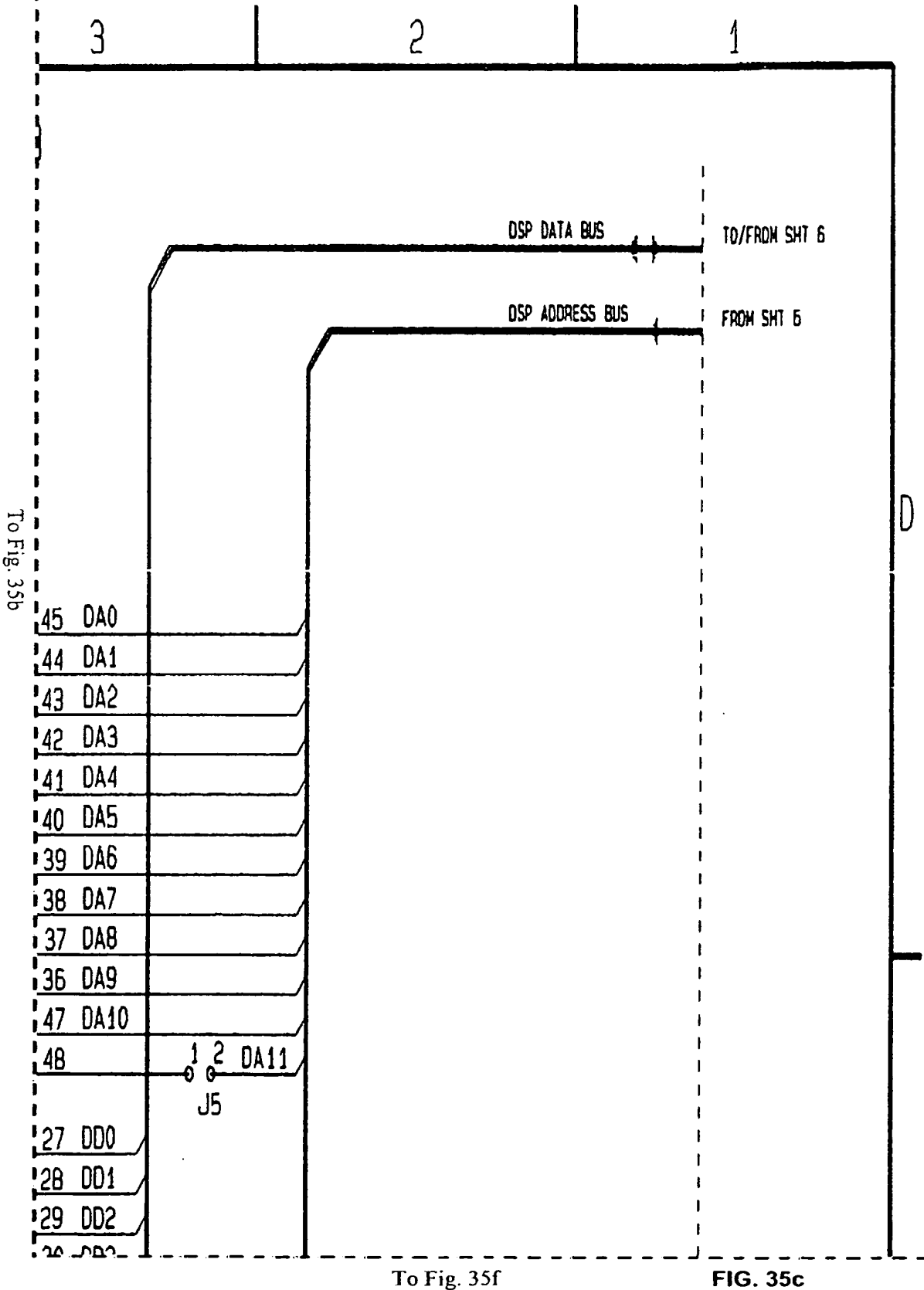
FIG. 34i



101 06 207

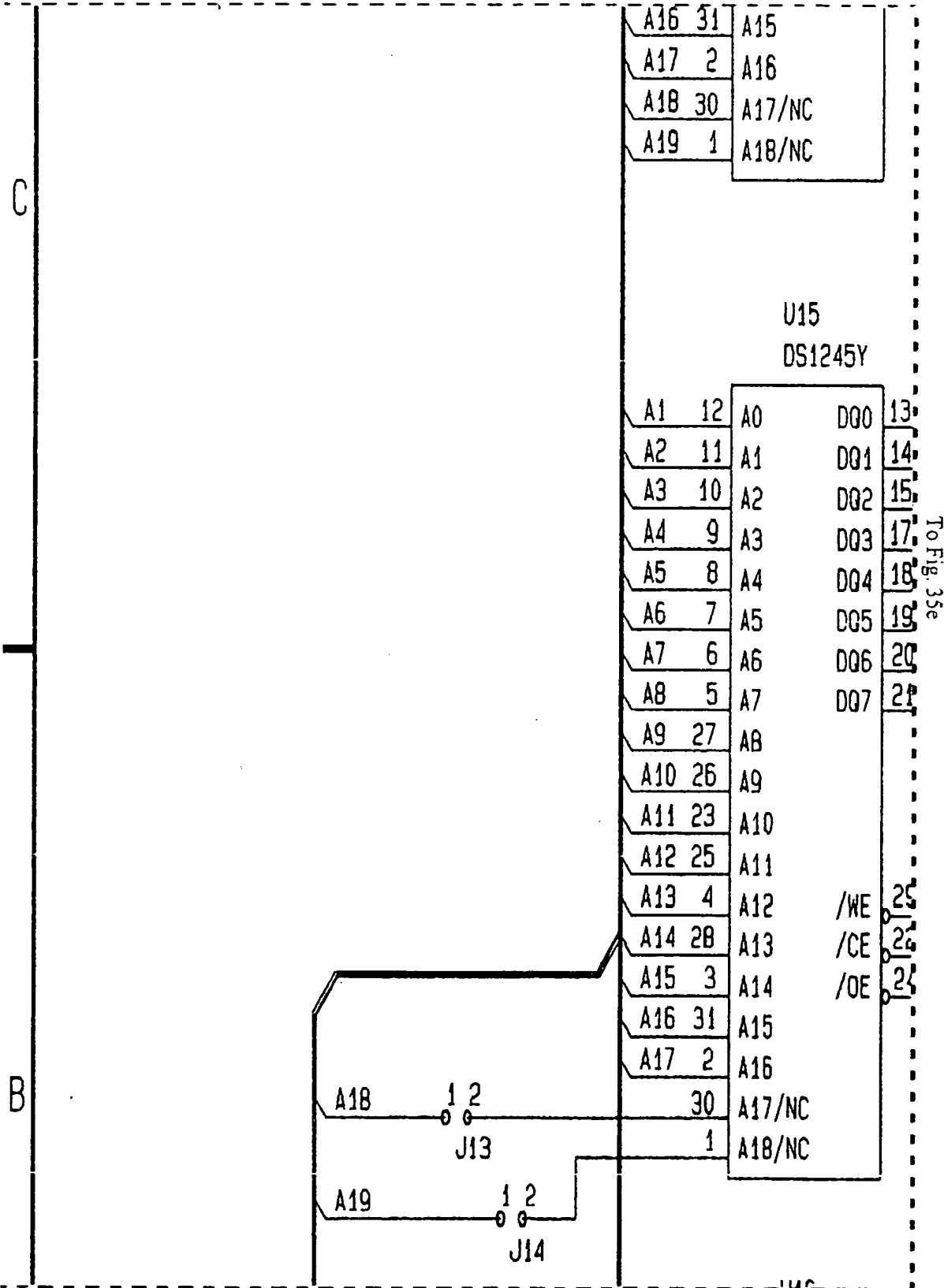


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103 86 207

To Fig. 35a

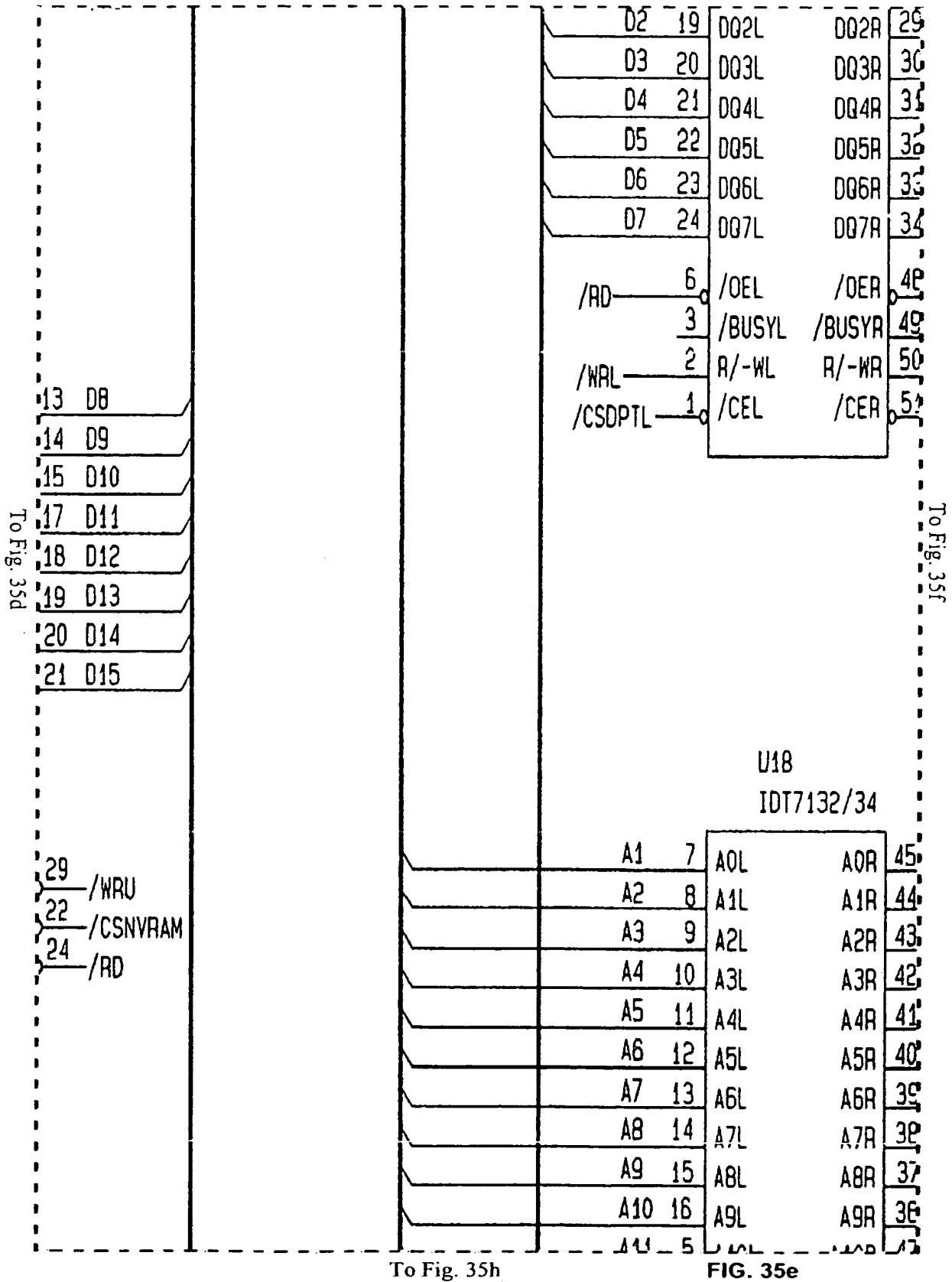


To Fig. 35g

FIG. 35d

104 00 707

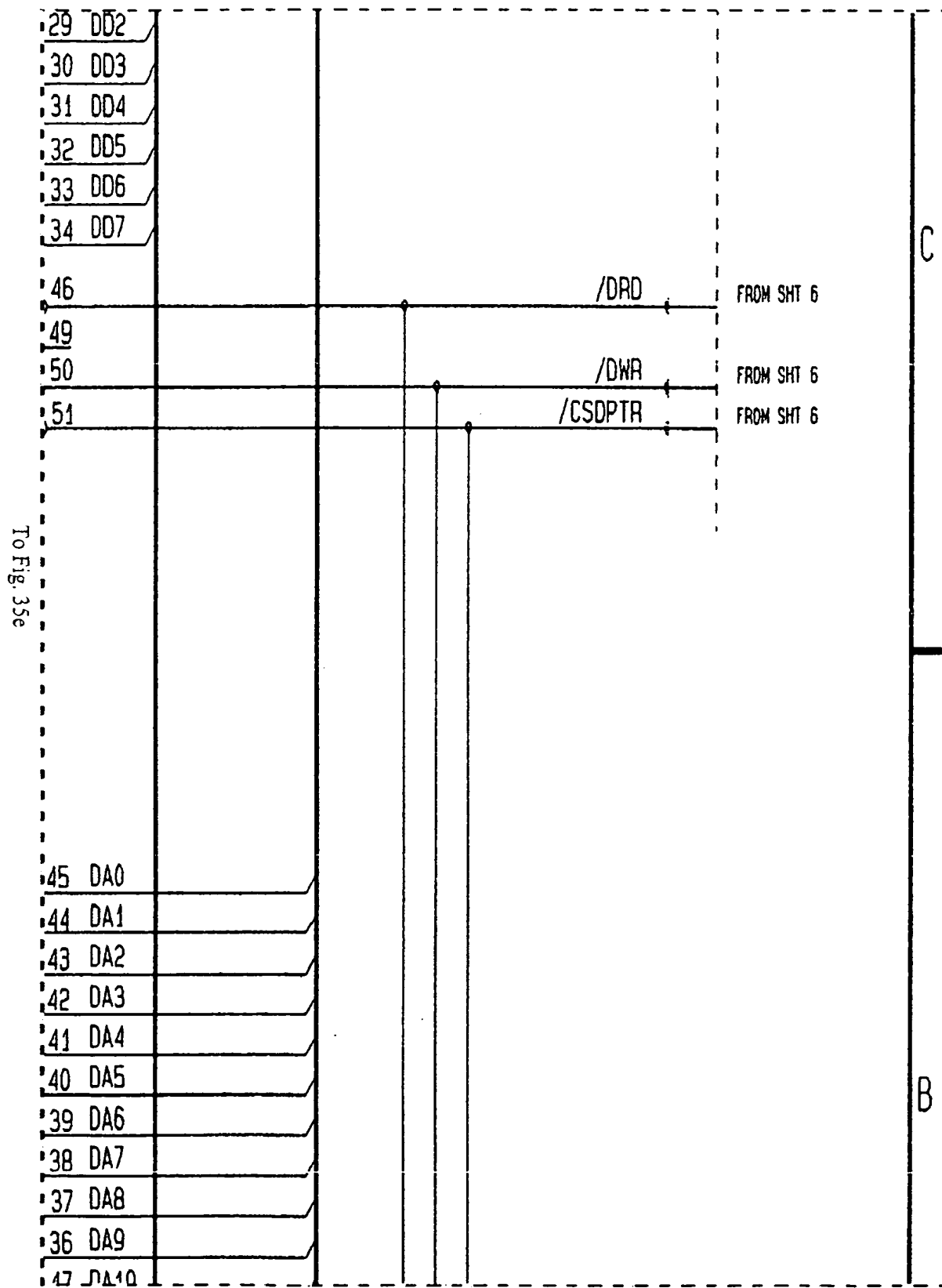
To Fig. 35b



To Fig. 35h

FIG. 35e

To Fig. 35c



To Fig. 35i

FIG. 35f

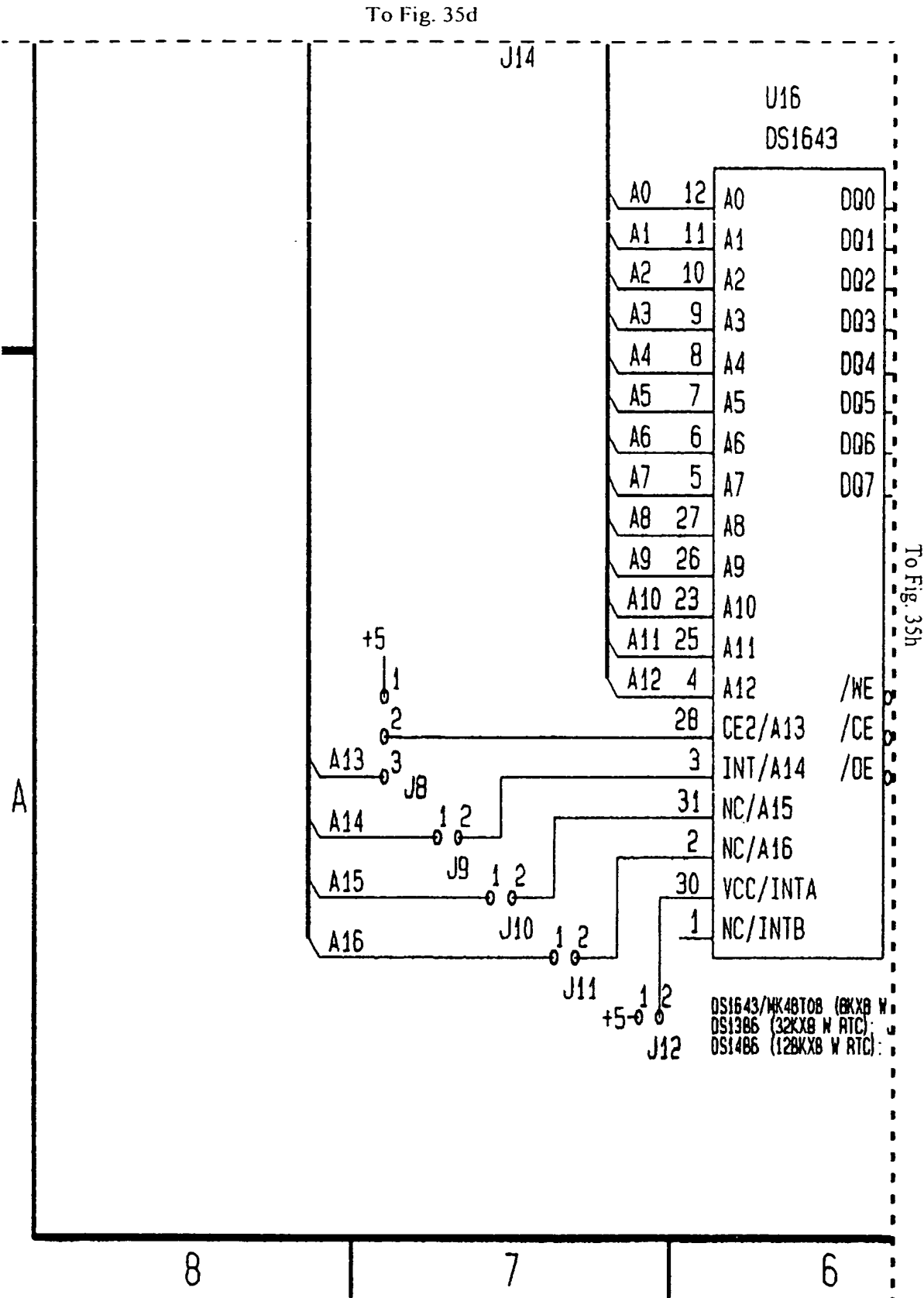


FIG. 35g

107 06 207

To Fig. 35e

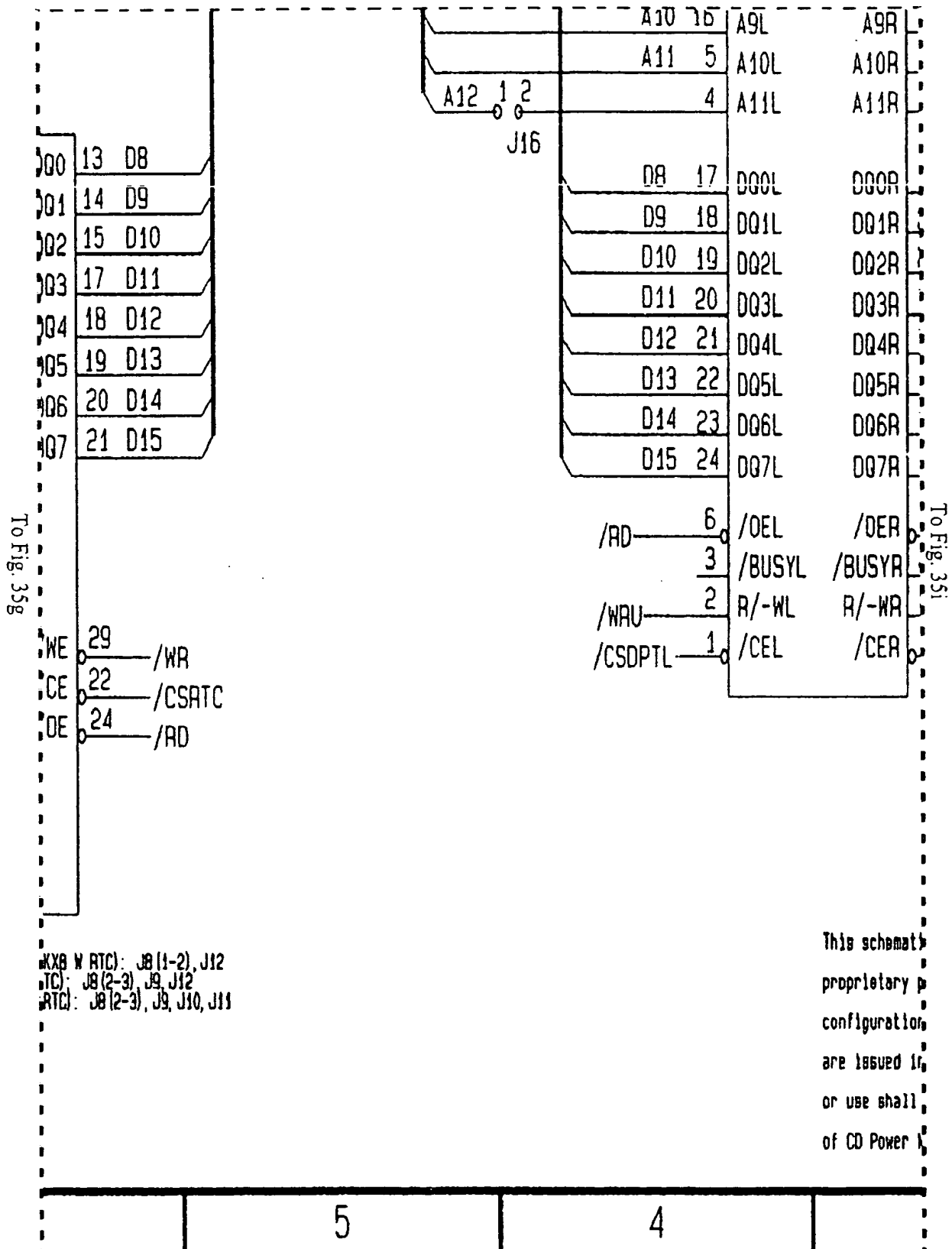
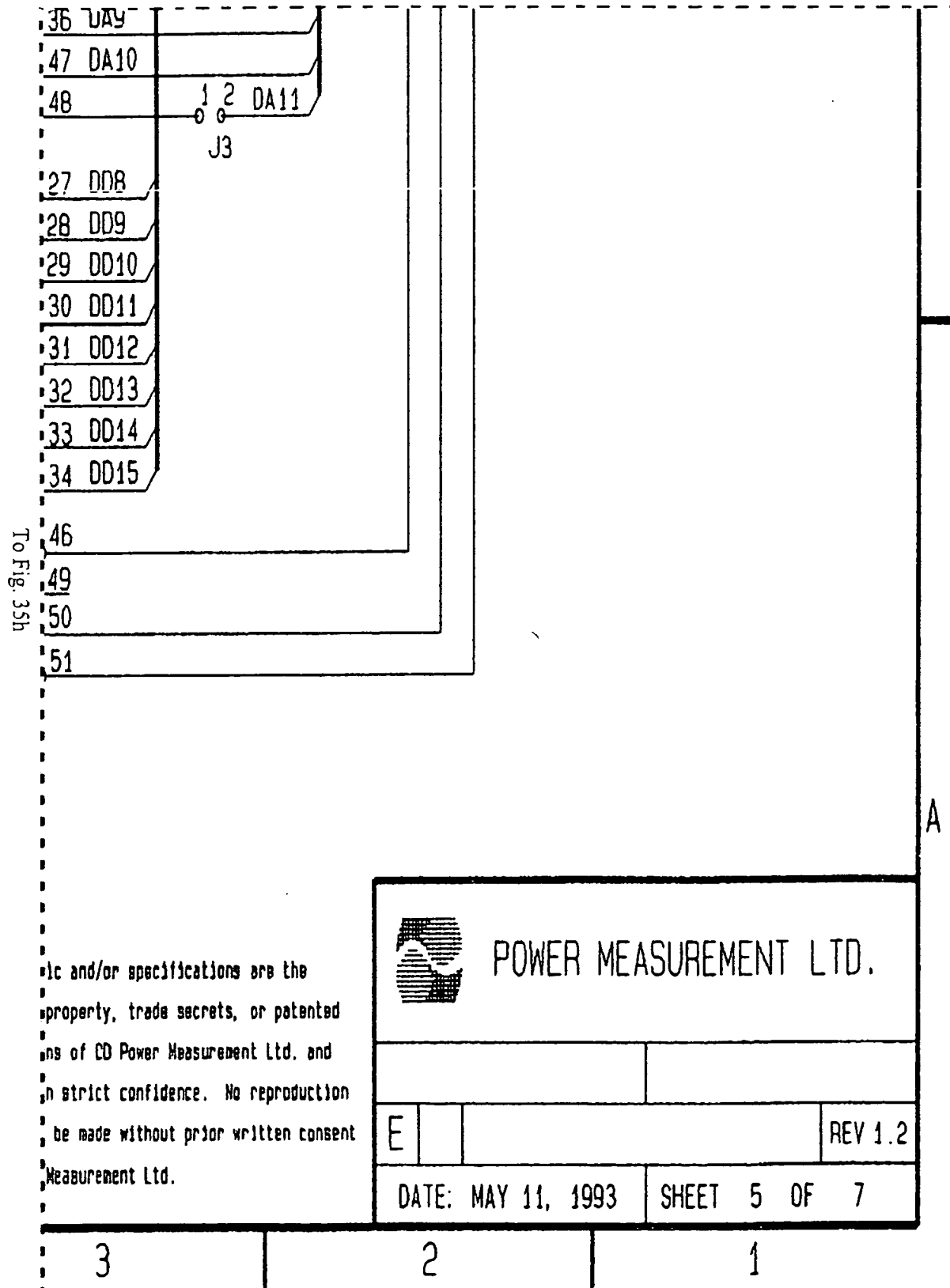


FIG. 35h

108 9207

To Fig. 35f



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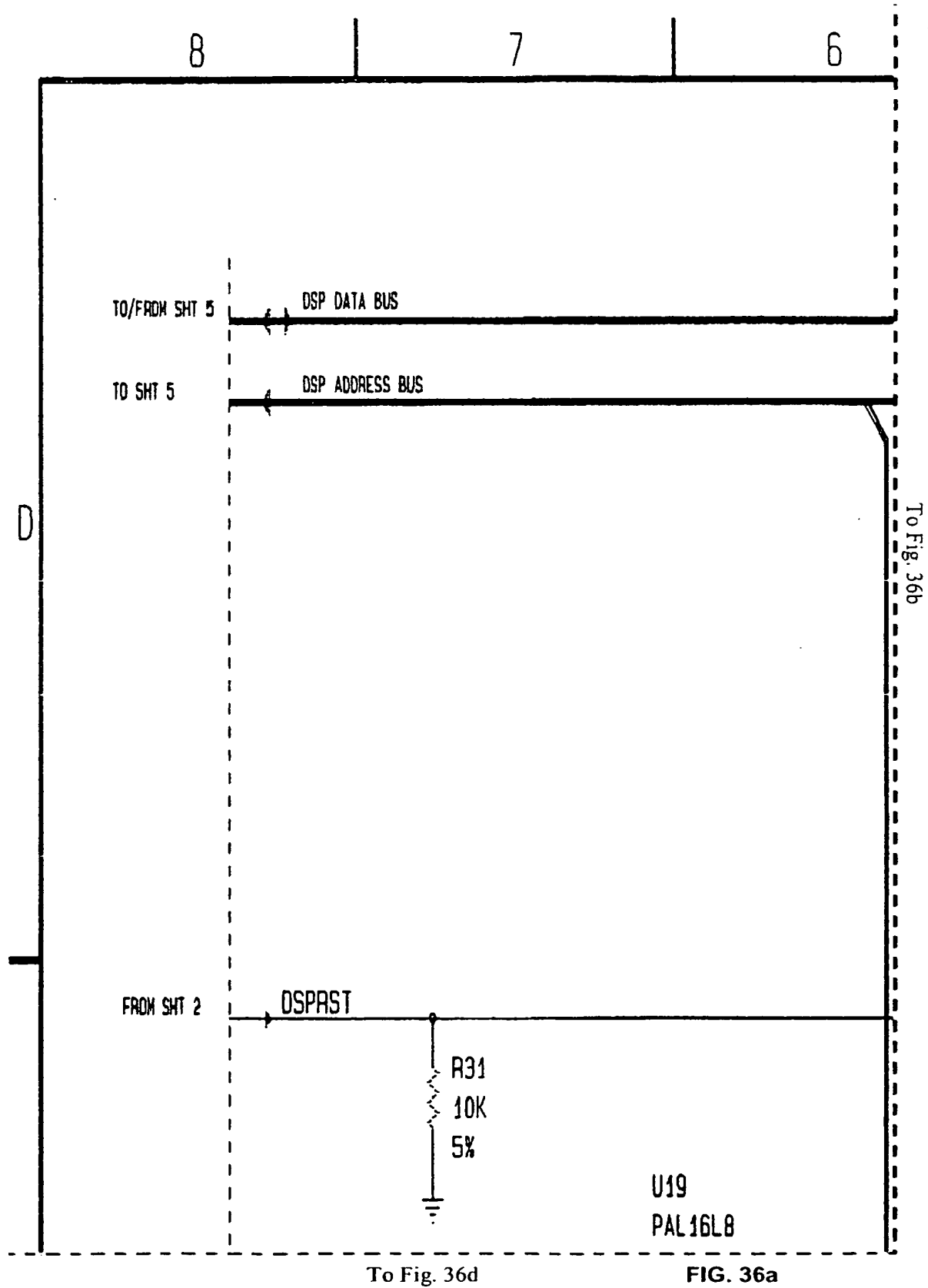
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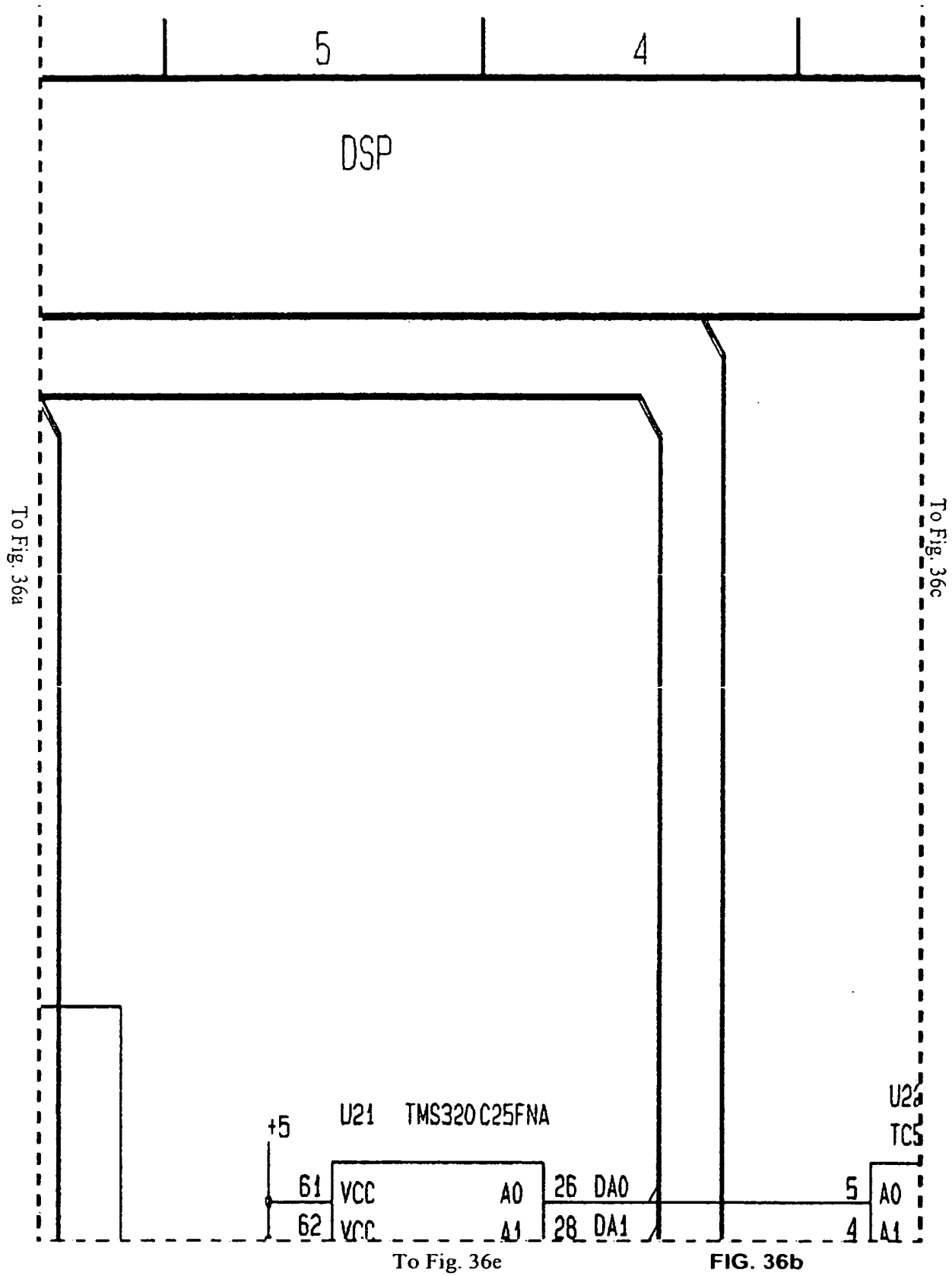
DATE: MAY 11, 1993

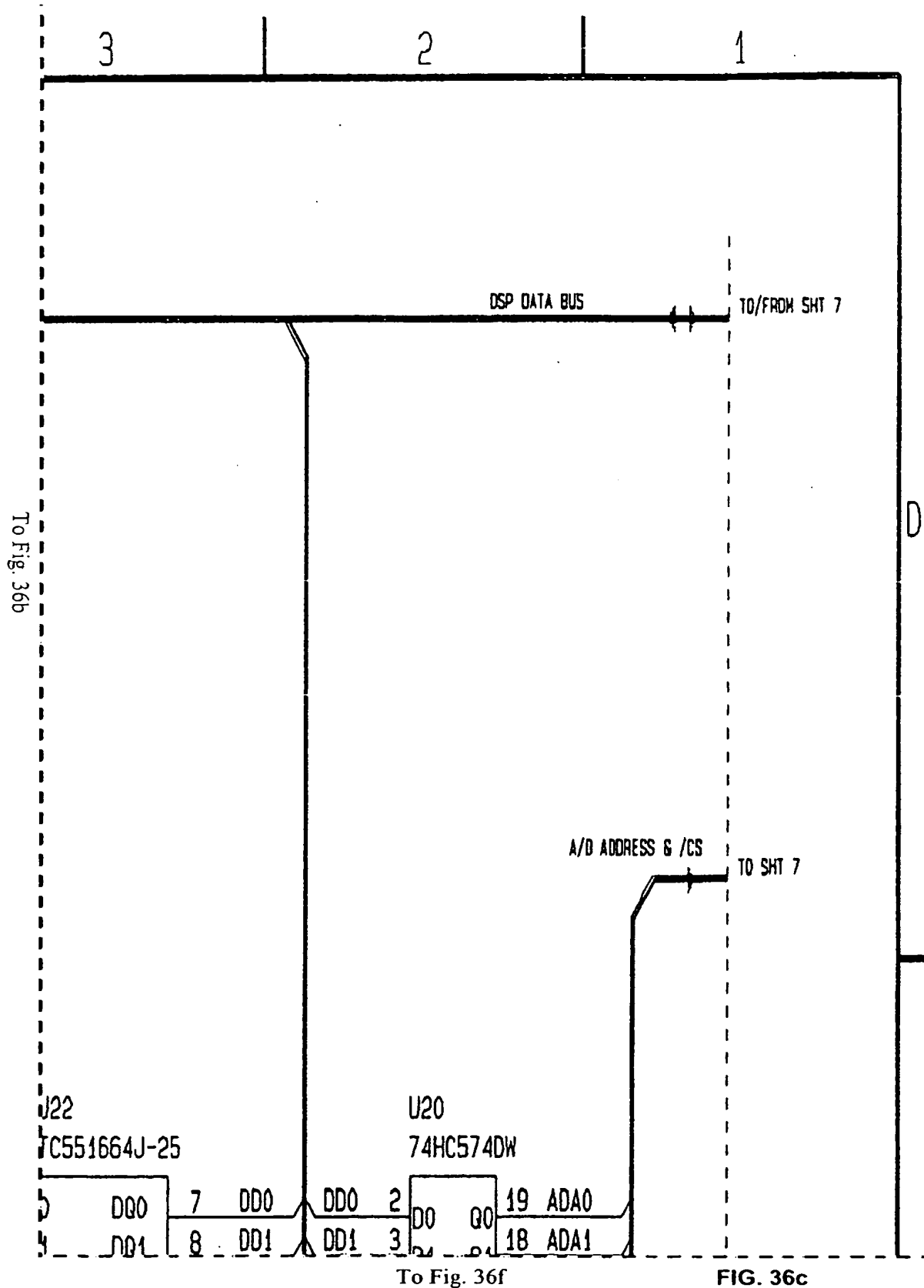
SHEET 5 OF 7

109 B 207



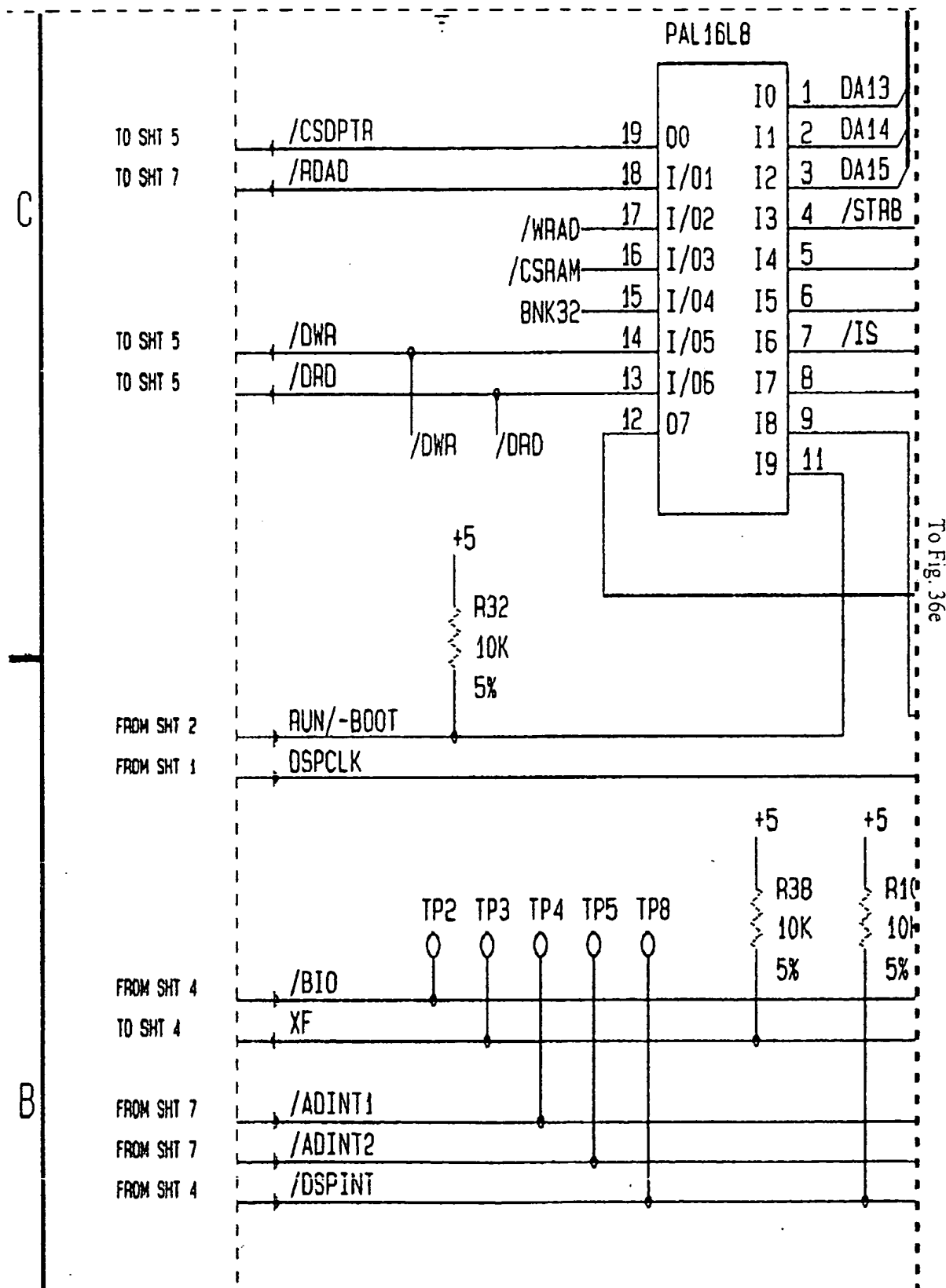
110 86 207





112 8 2-07

To Fig. 36a

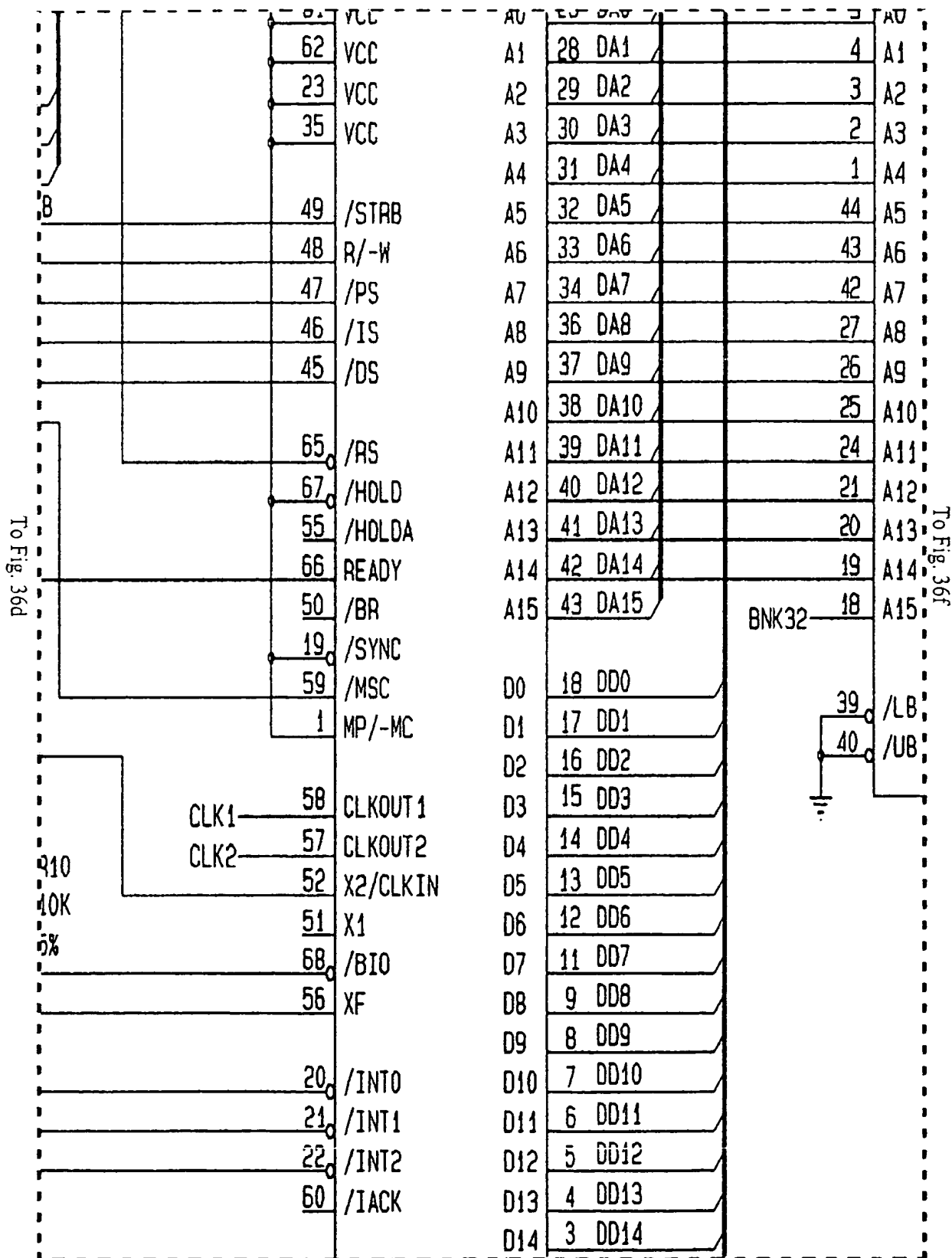


To Fig. 36g

FIG. 36d

113 86 207

To Fig. 36b

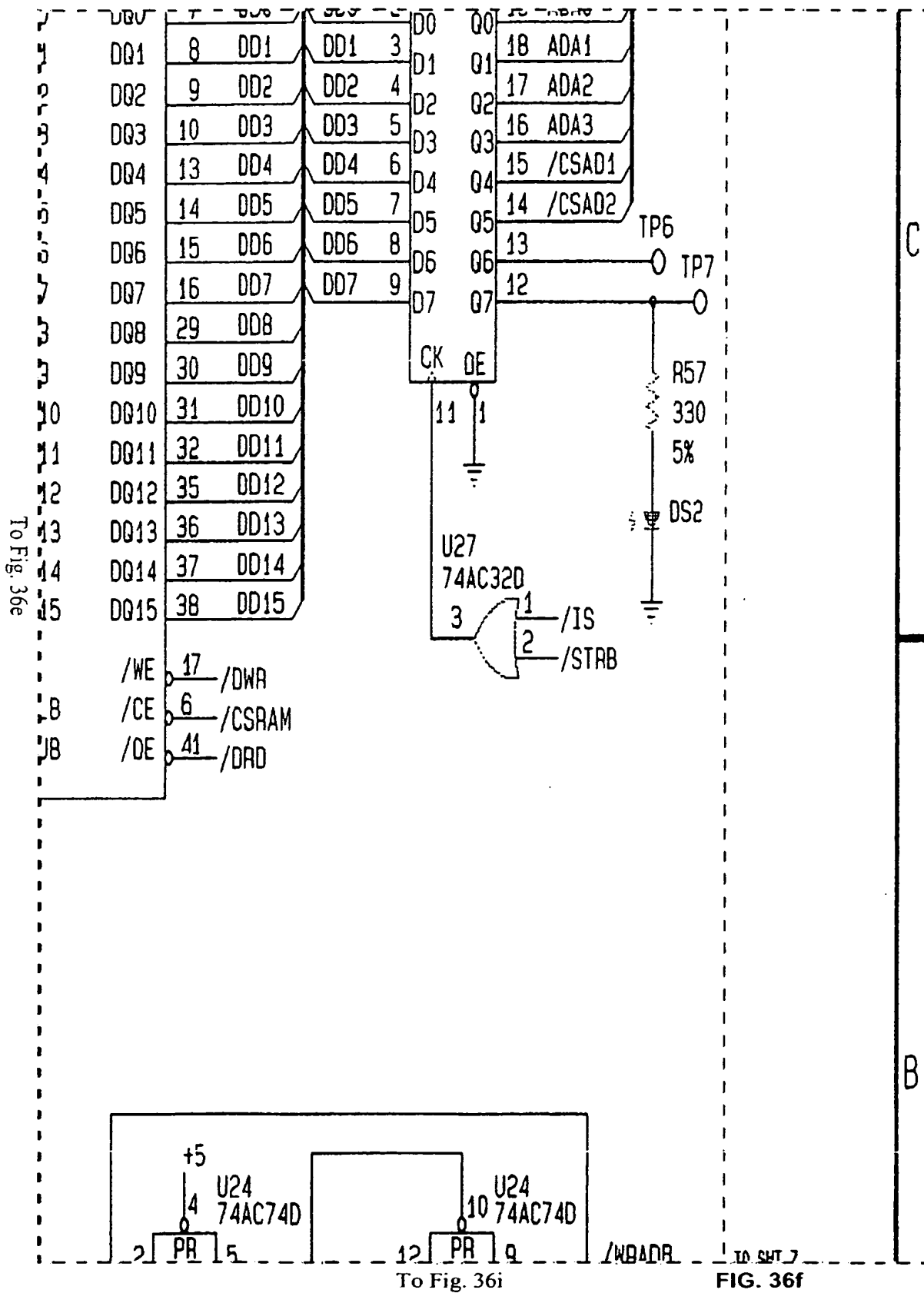


To Fig. 36h

FIG. 36e

114 60 207

To Fig. 36c



To Fig. 36i

FIG. 36f

To Fig. 36d

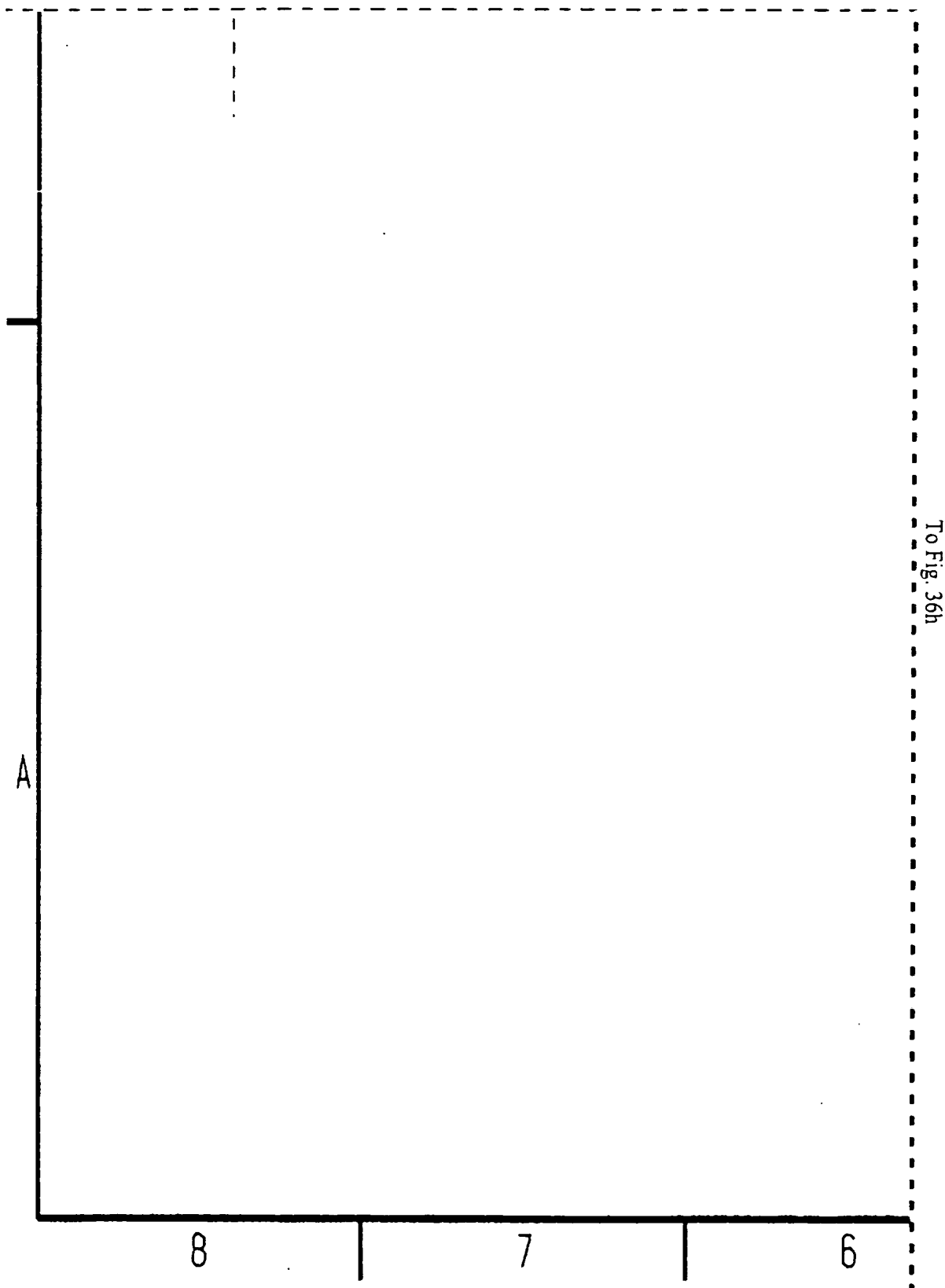
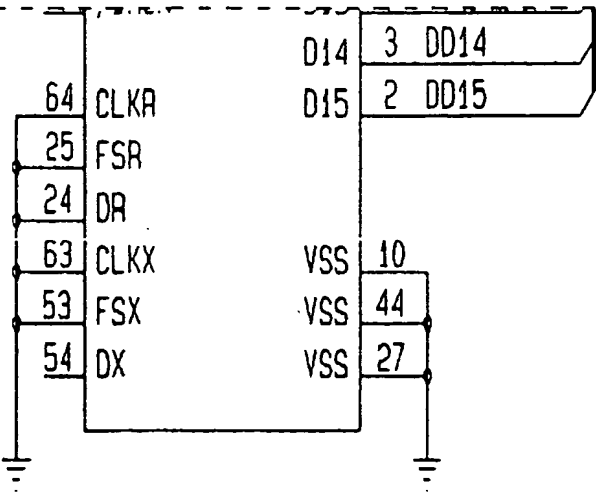


FIG. 36g

116 86 07

To Fig. 36e



To Fig. 36g

To Fig. 36i

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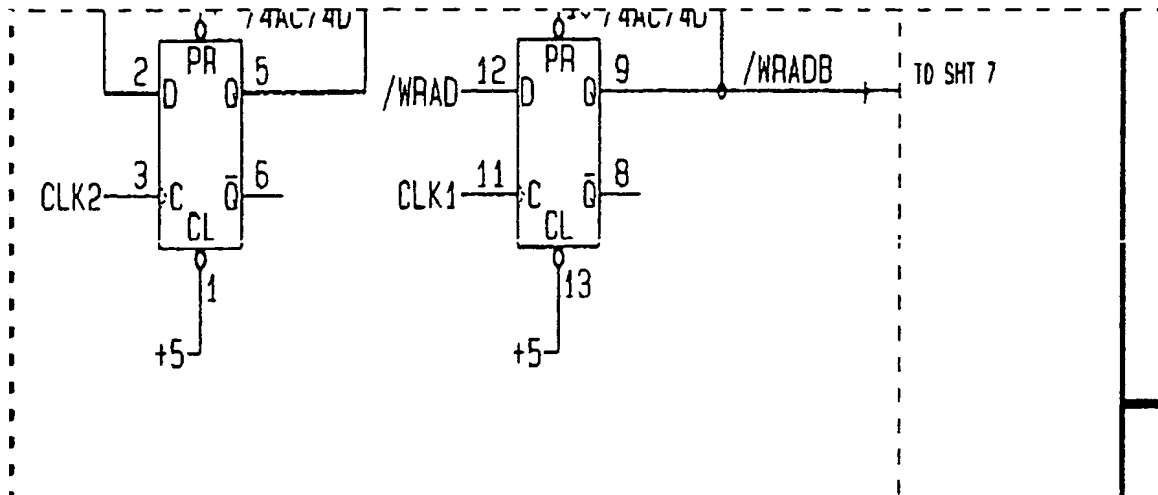
5

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FIG. 36h

117 06 207

To Fig. 36f



To Fig. 36h

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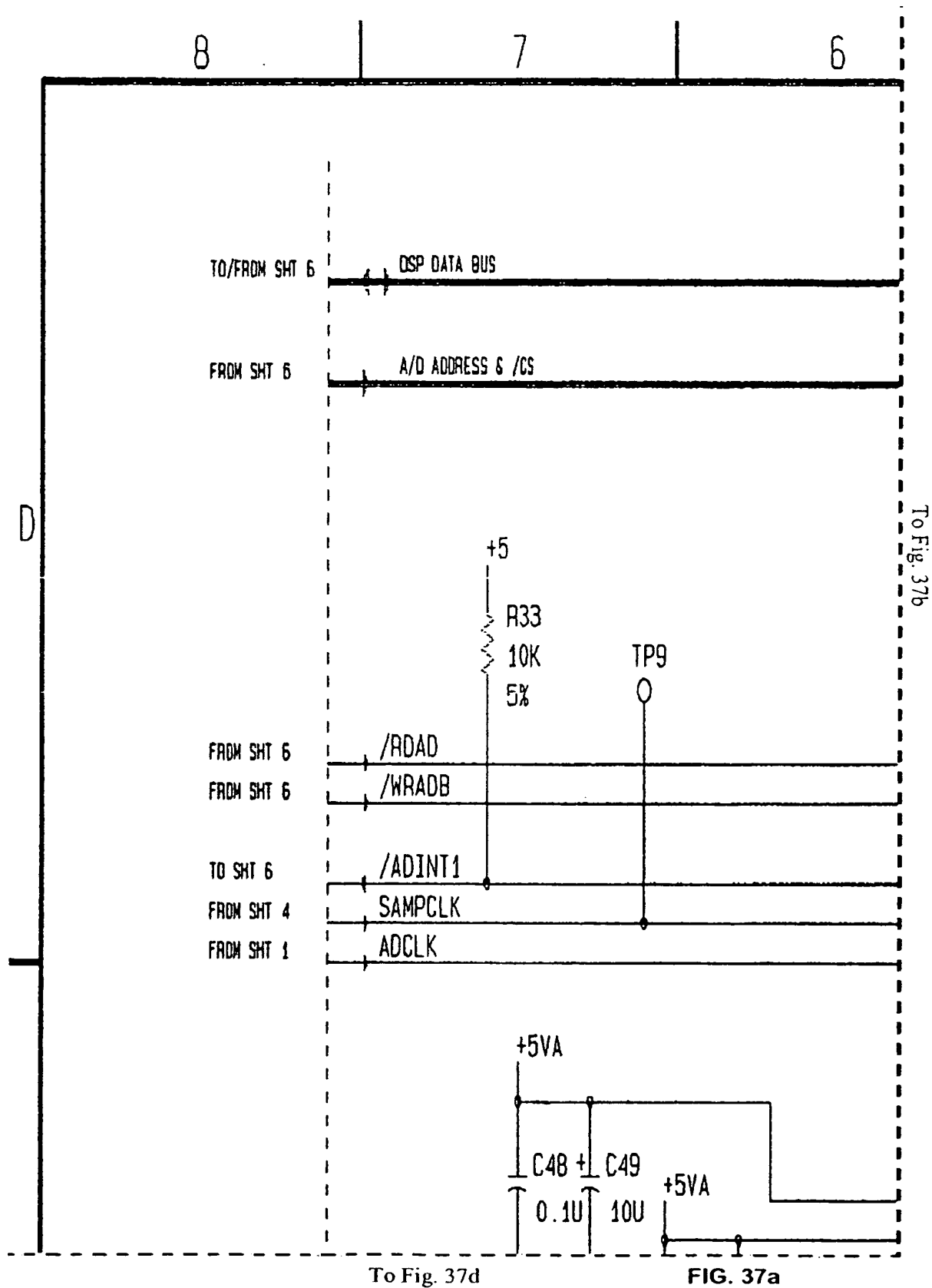
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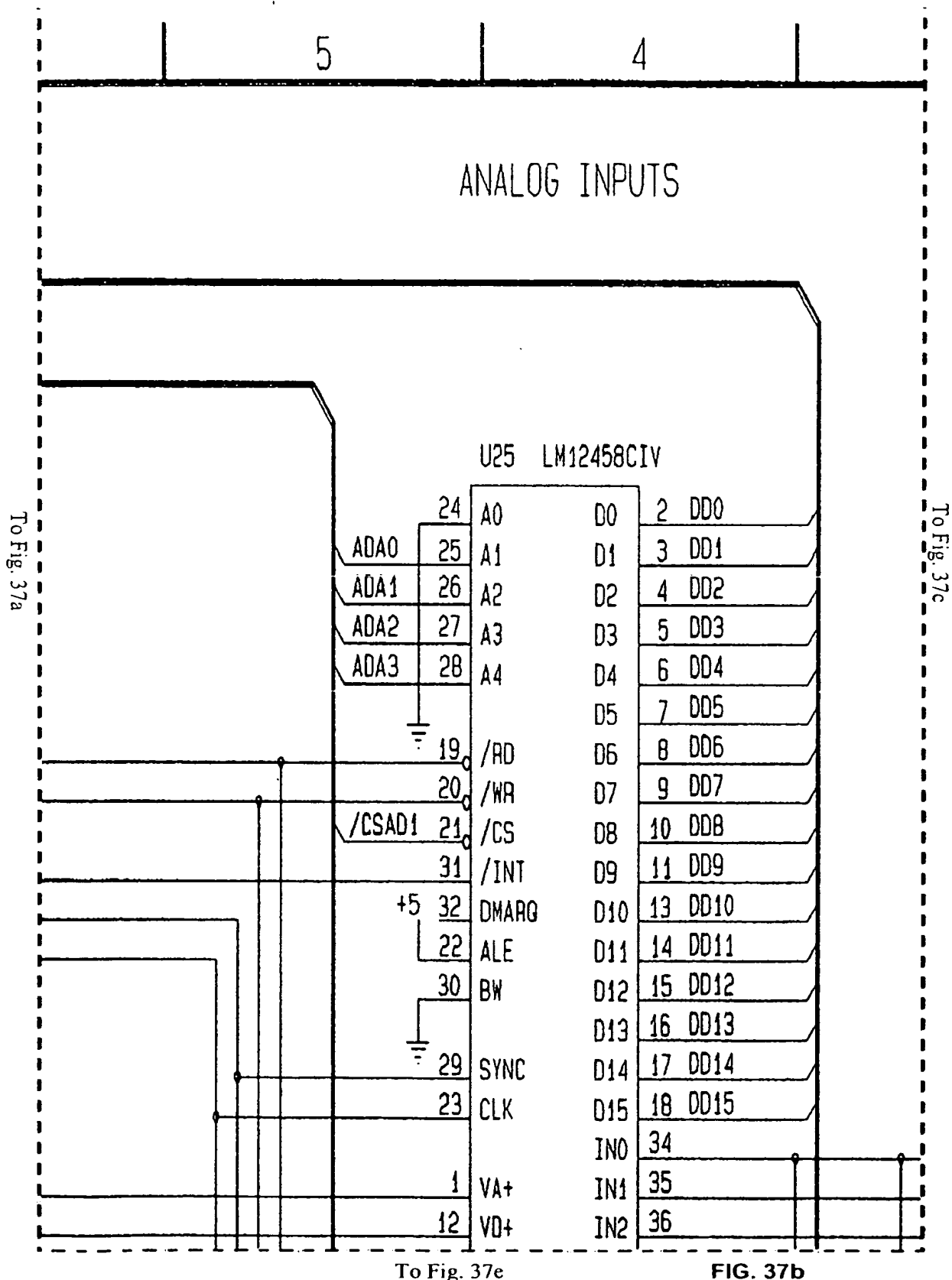
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FIG. 36i

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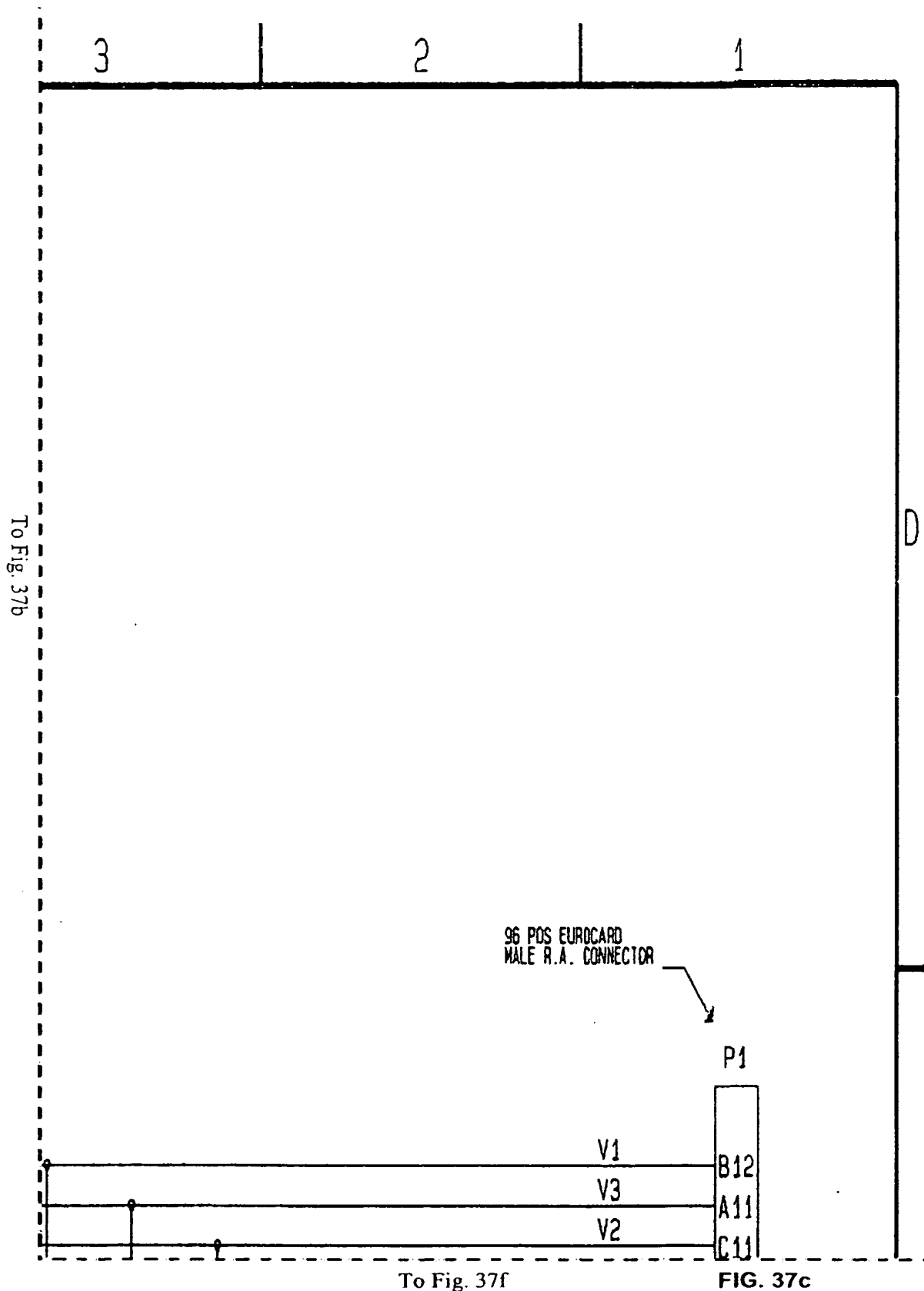


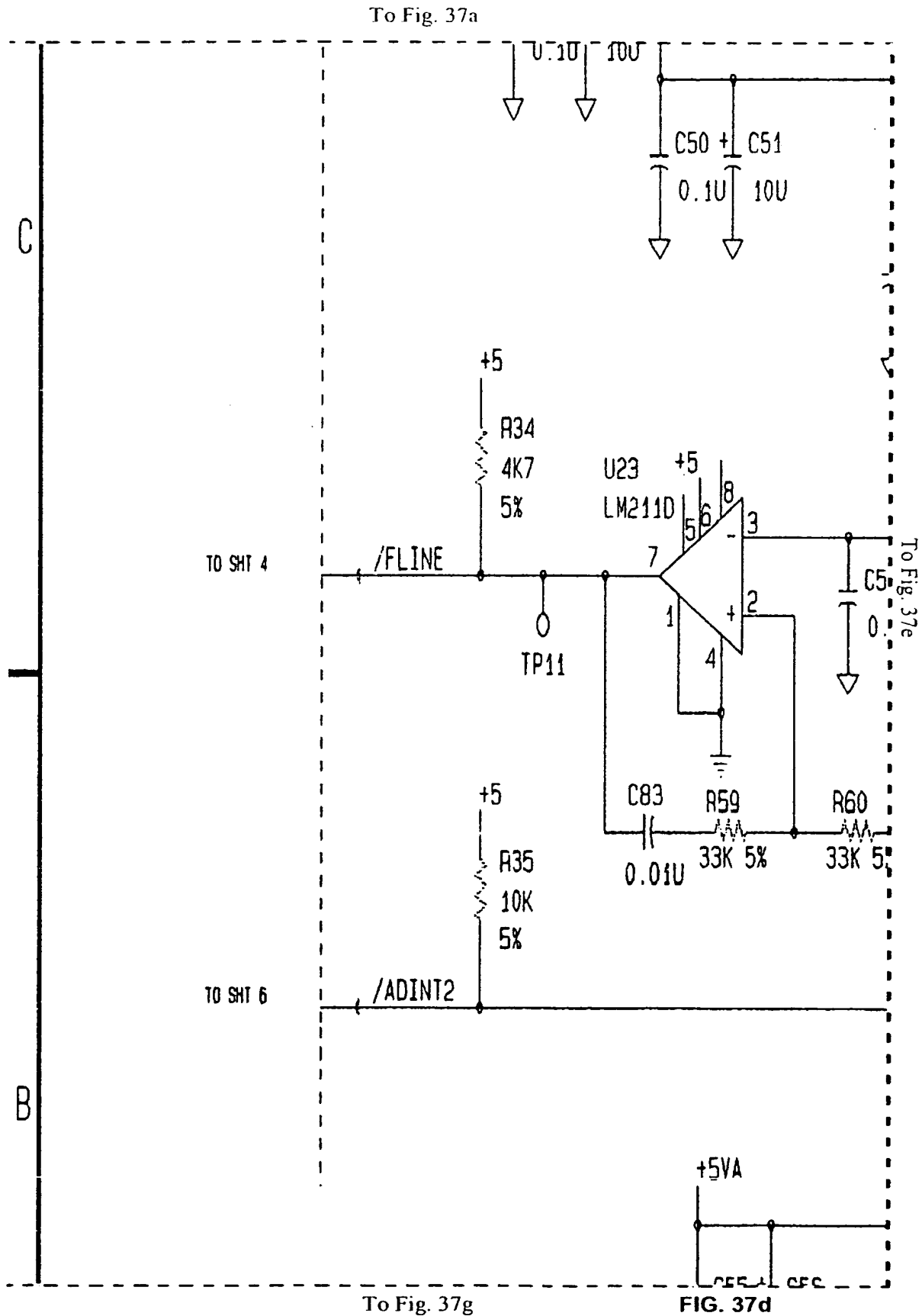


To Fig. 37e

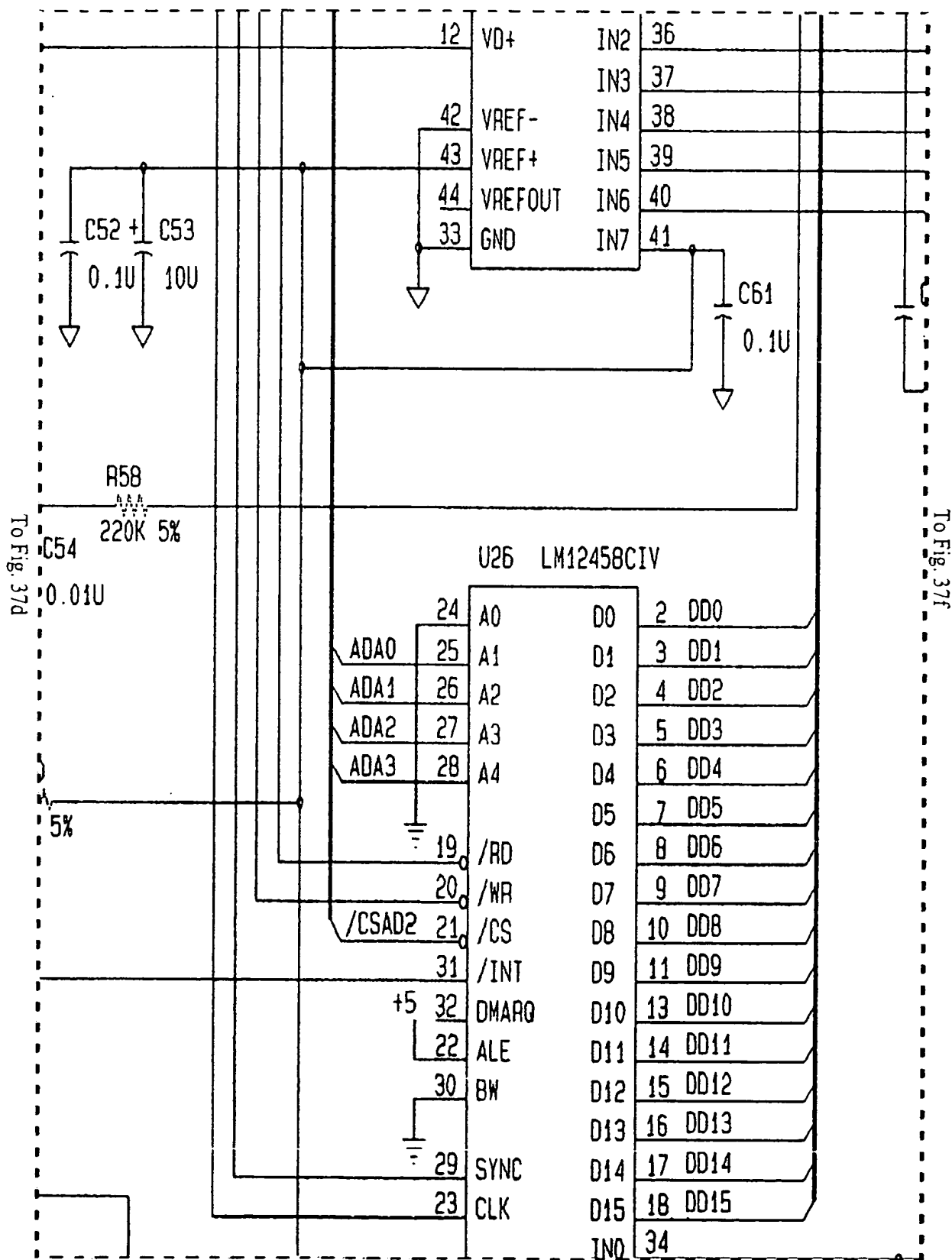
FIG. 37b

120 69 207





To Fig. 37b

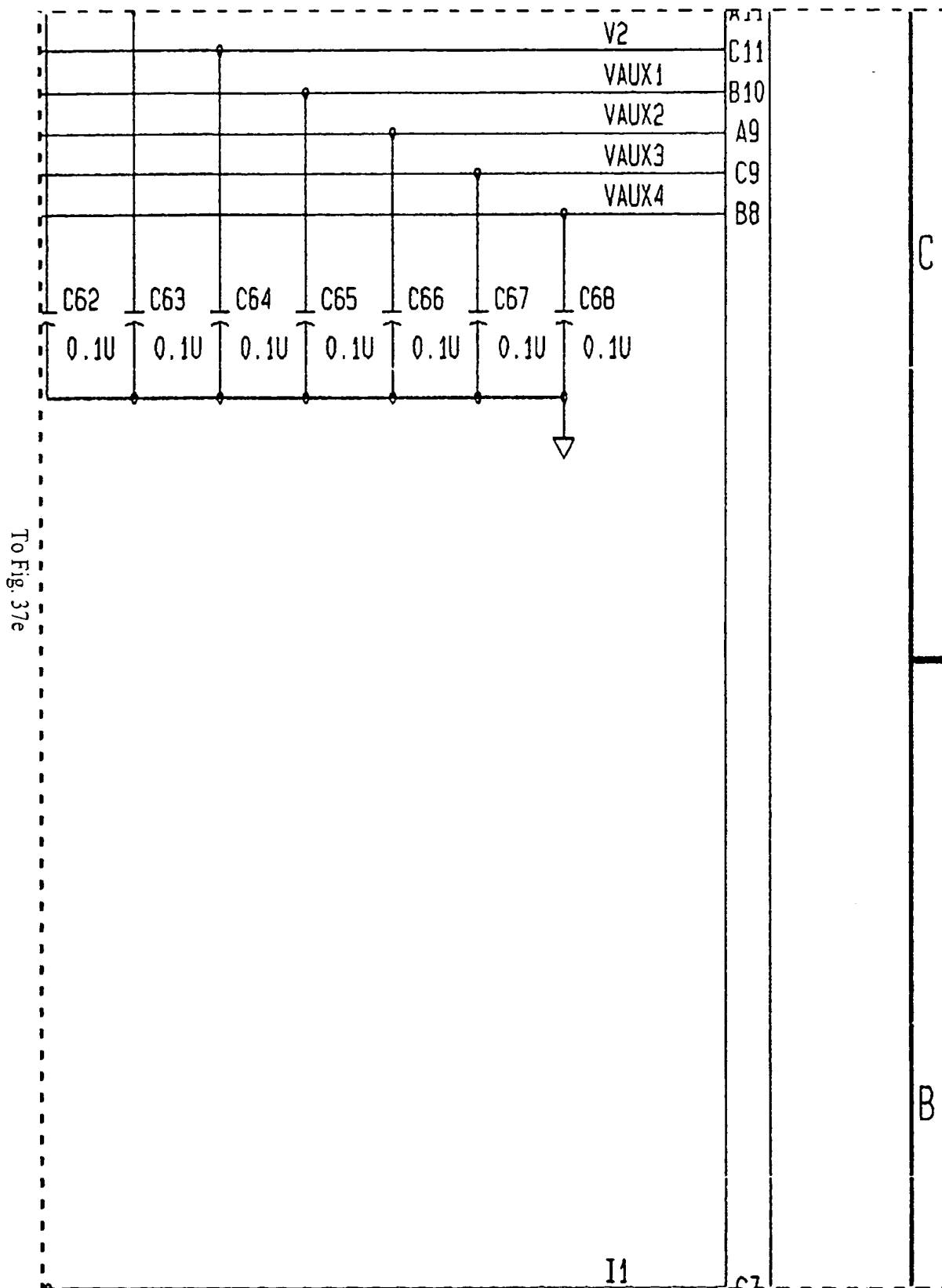


To Fig. 37h

FIG. 37e

123 08 207

To Fig. 37c



To Fig. 37i

FIG. 37f

124 8 207

To Fig. 37d

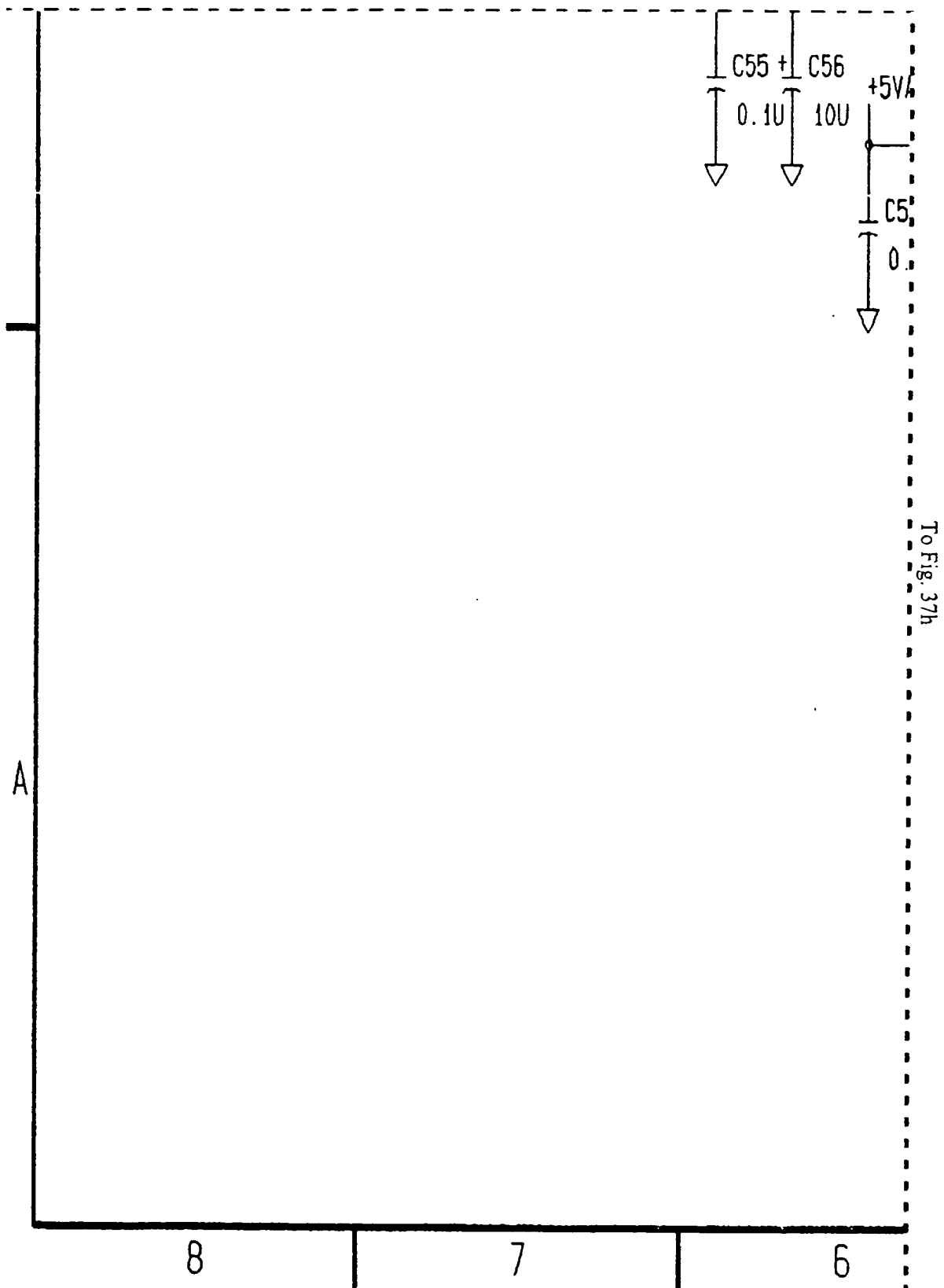
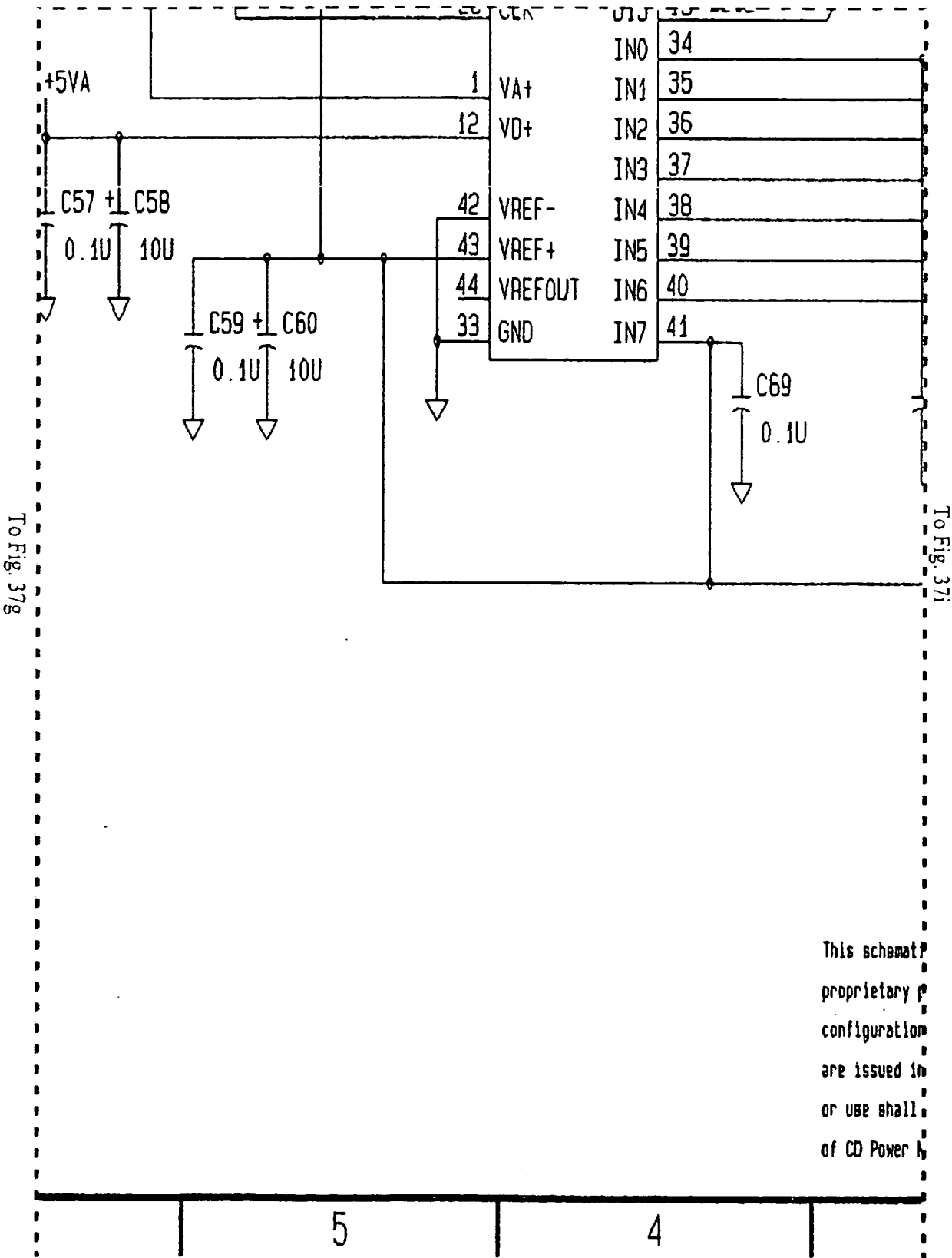


FIG. 37g

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To Fig. 37c

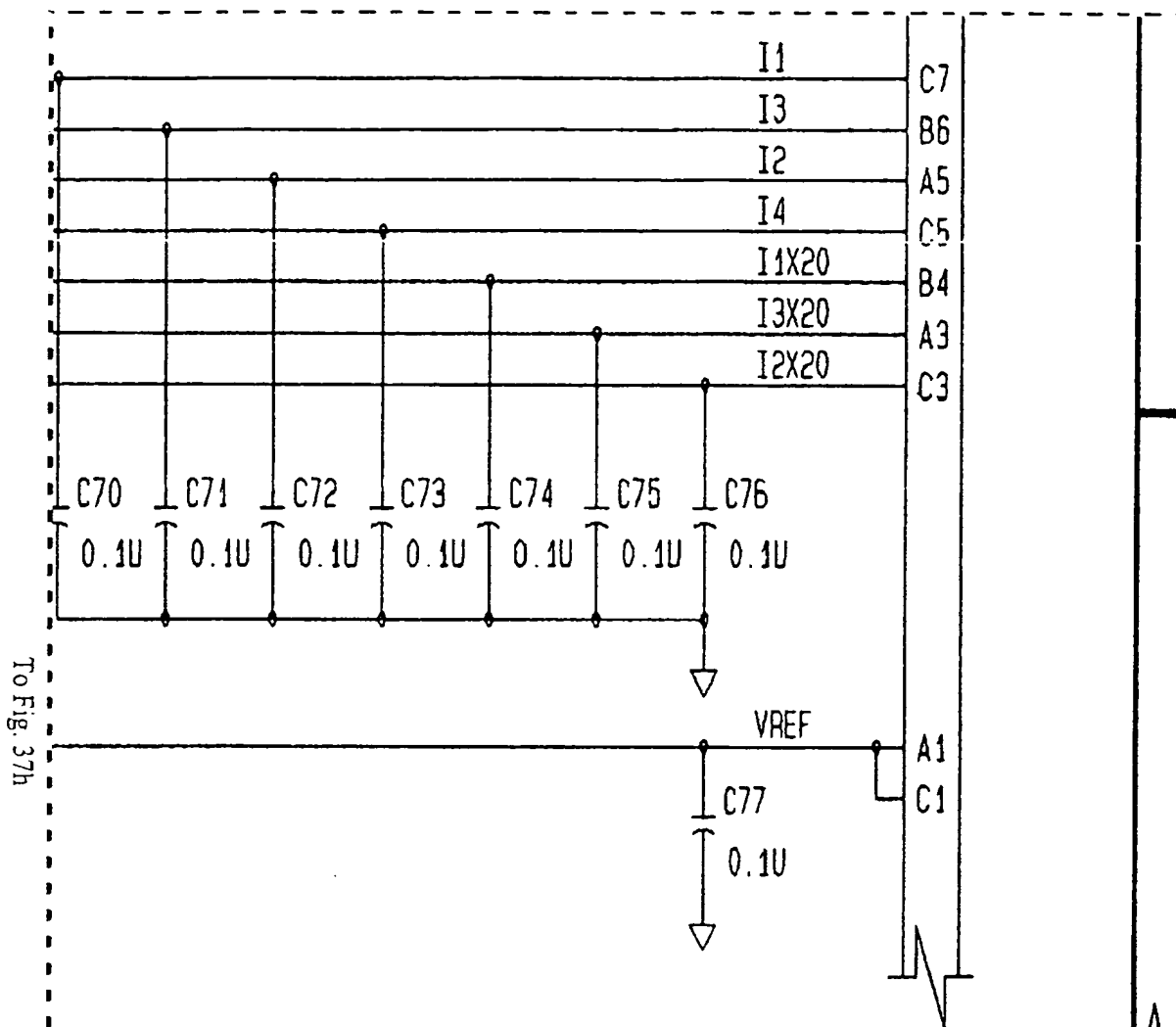


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FIG. 37h

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To Fig. 37f



To Fig. 37h

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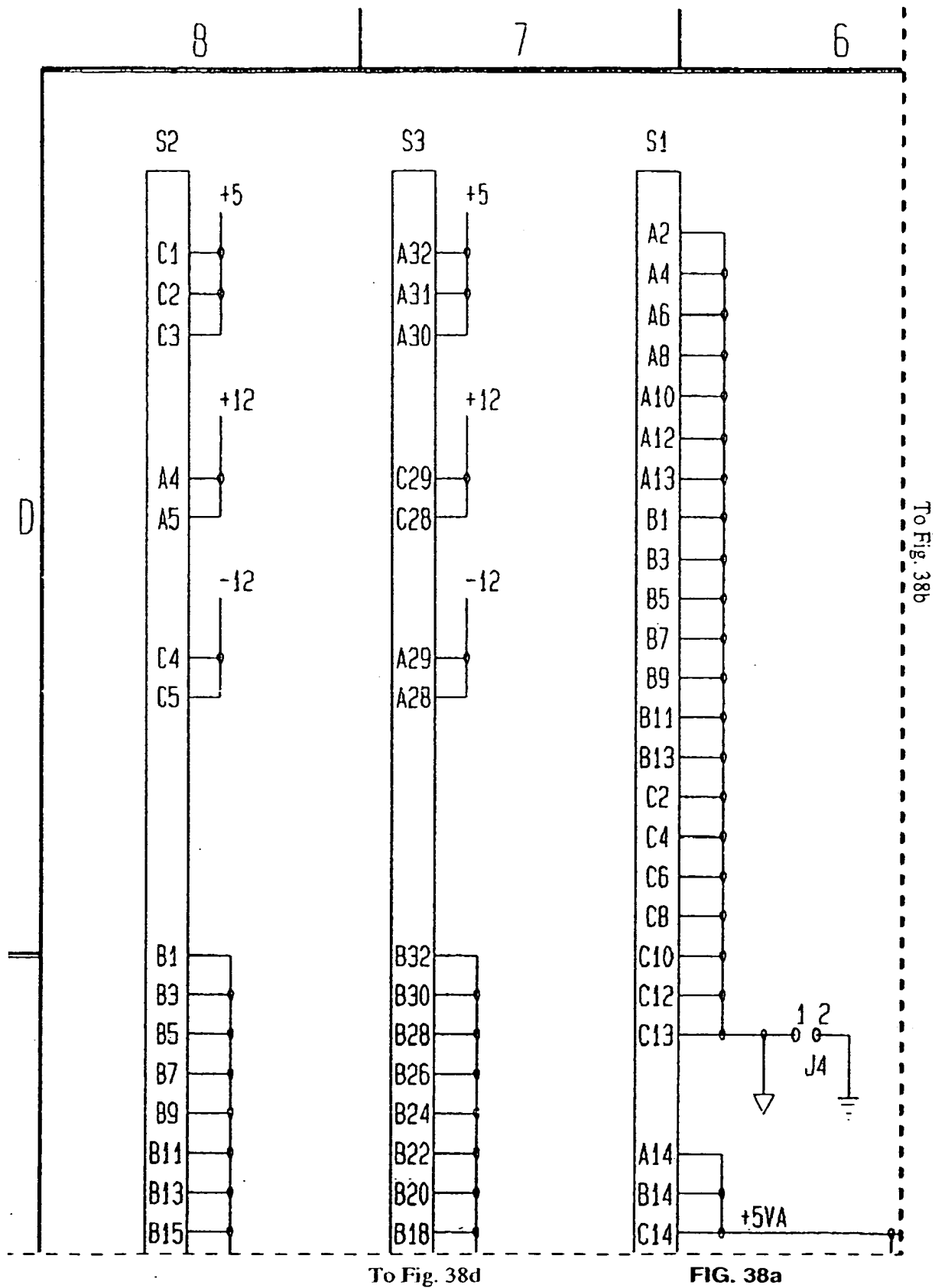
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1

FIG. 37i

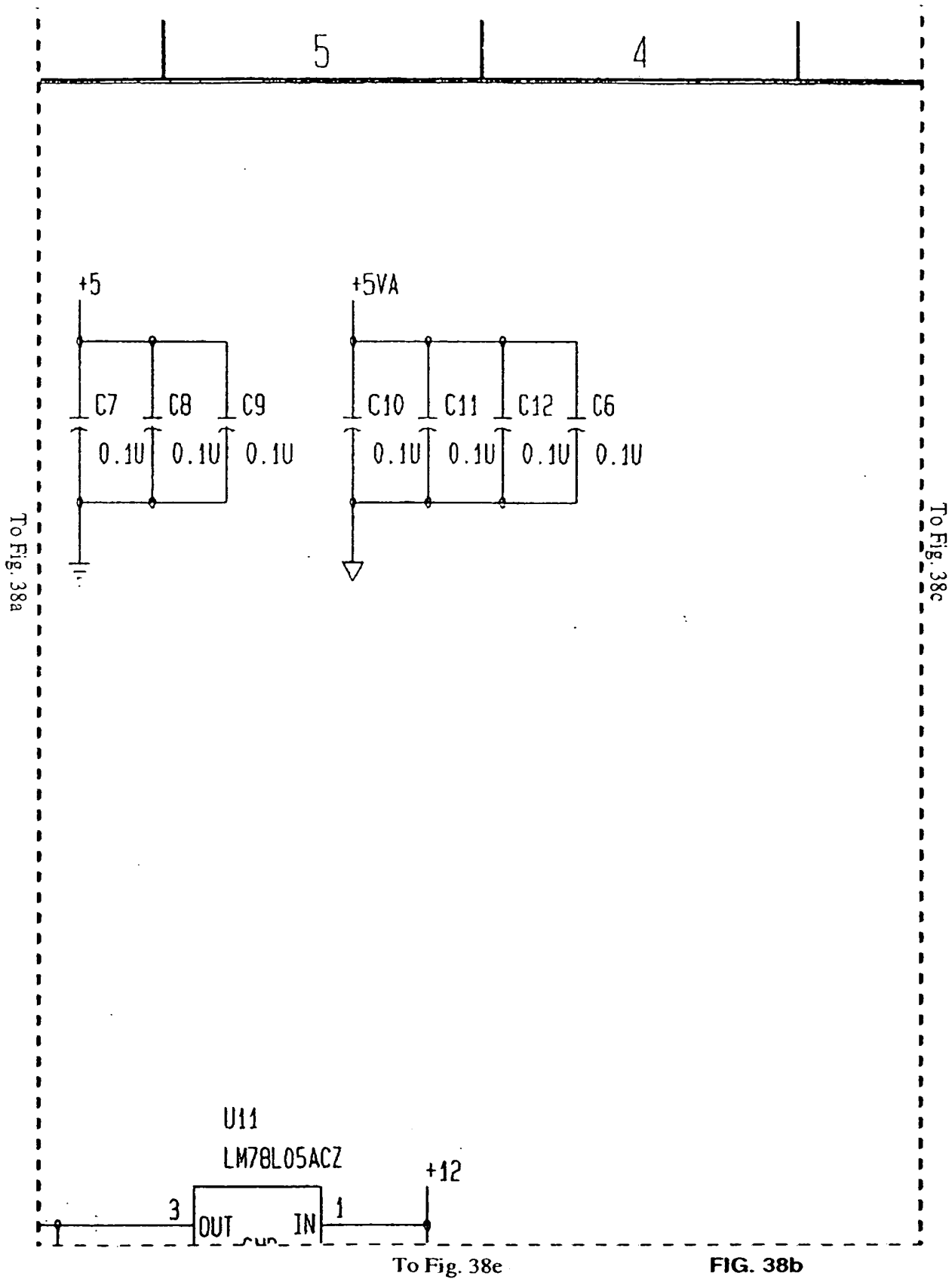
127 8 307



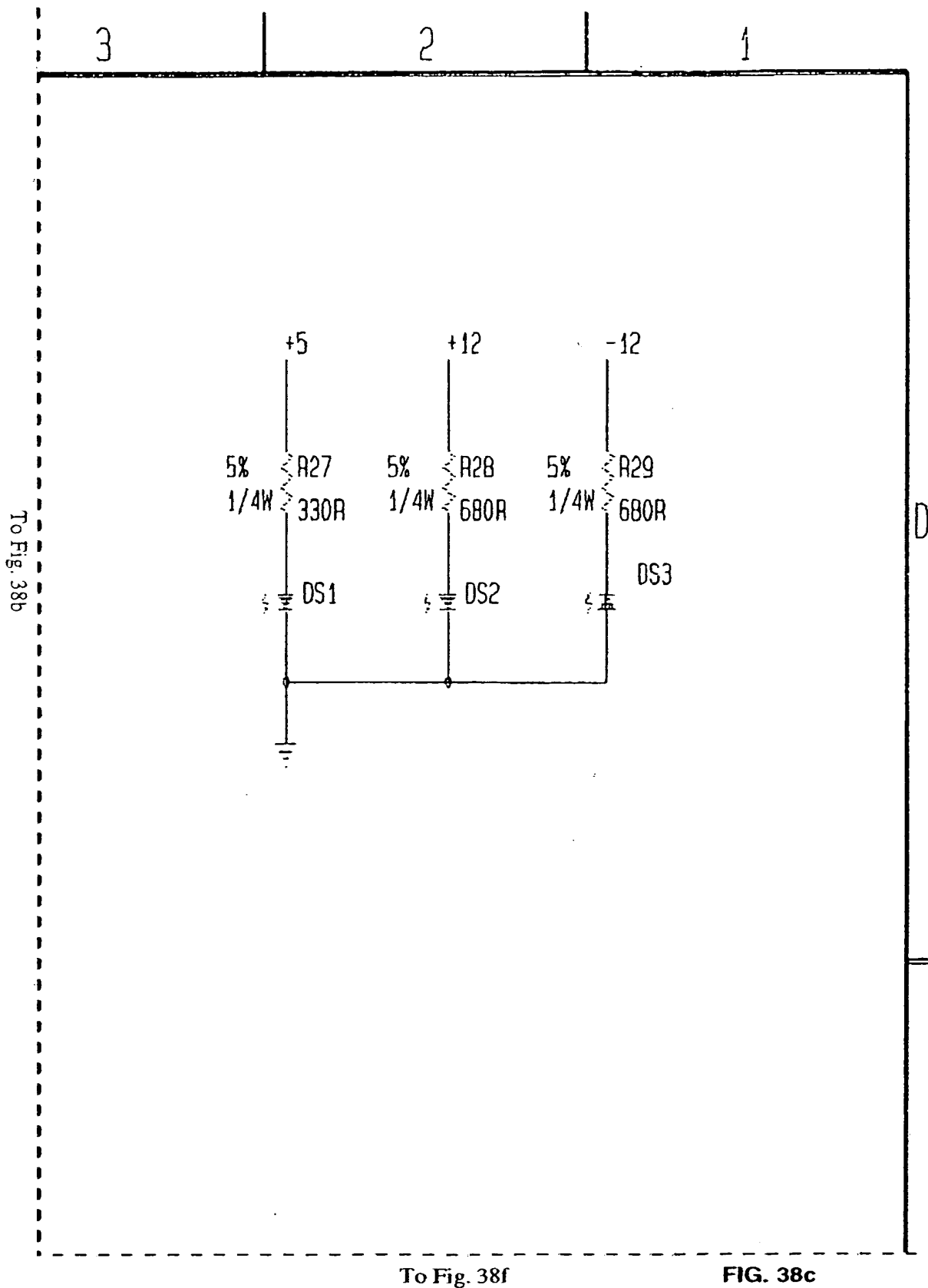
To Fig. 38d

FIG. 38a

128 9 207

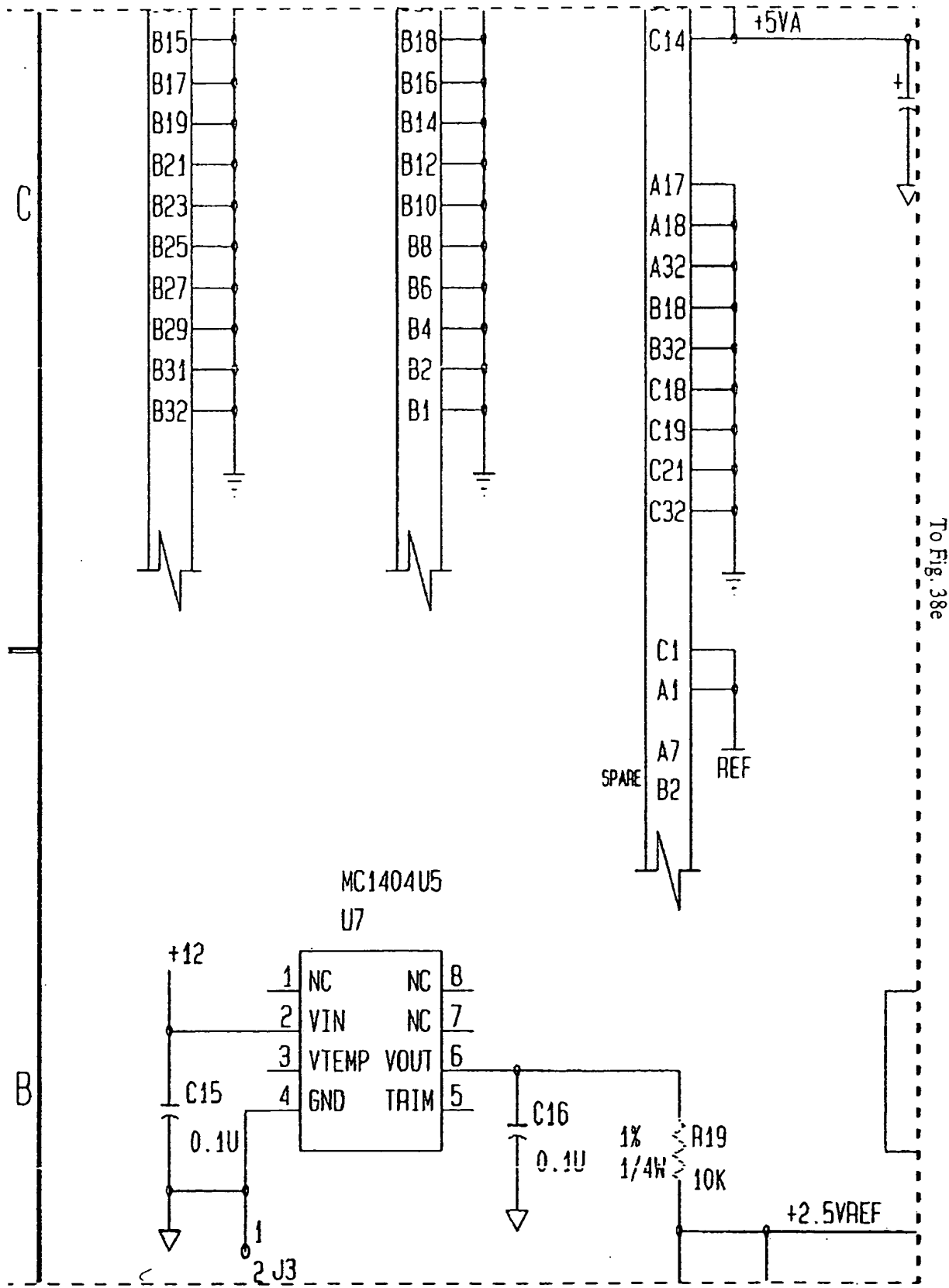


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130 08207

To Fig. 38a



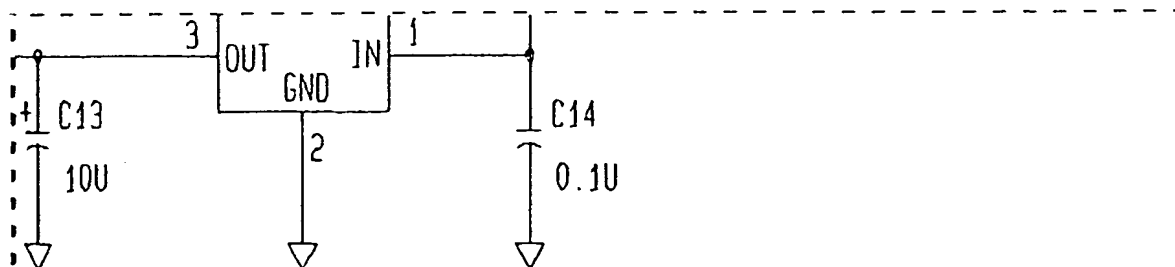
To Fig. 38e

To Fig. 38g

FIG. 38d

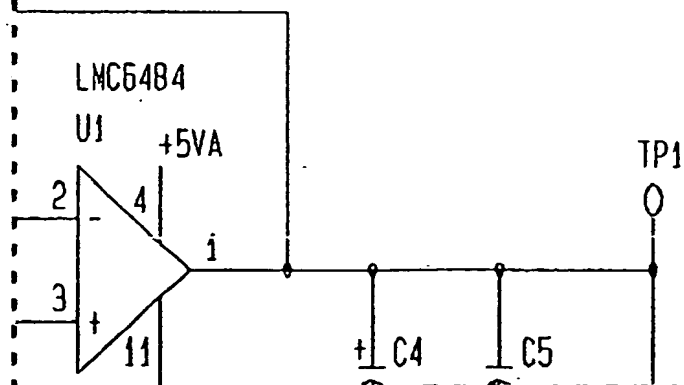
131 86207

To Fig. 38b



To Fig. 38f

To Fig. 38d



To Fig. 38h

FIG. 38e

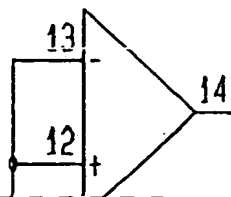
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To Fig. 38c

To Fig. 38e

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U10



To Fig. 38i

FIG. 38f

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To Fig. 38d

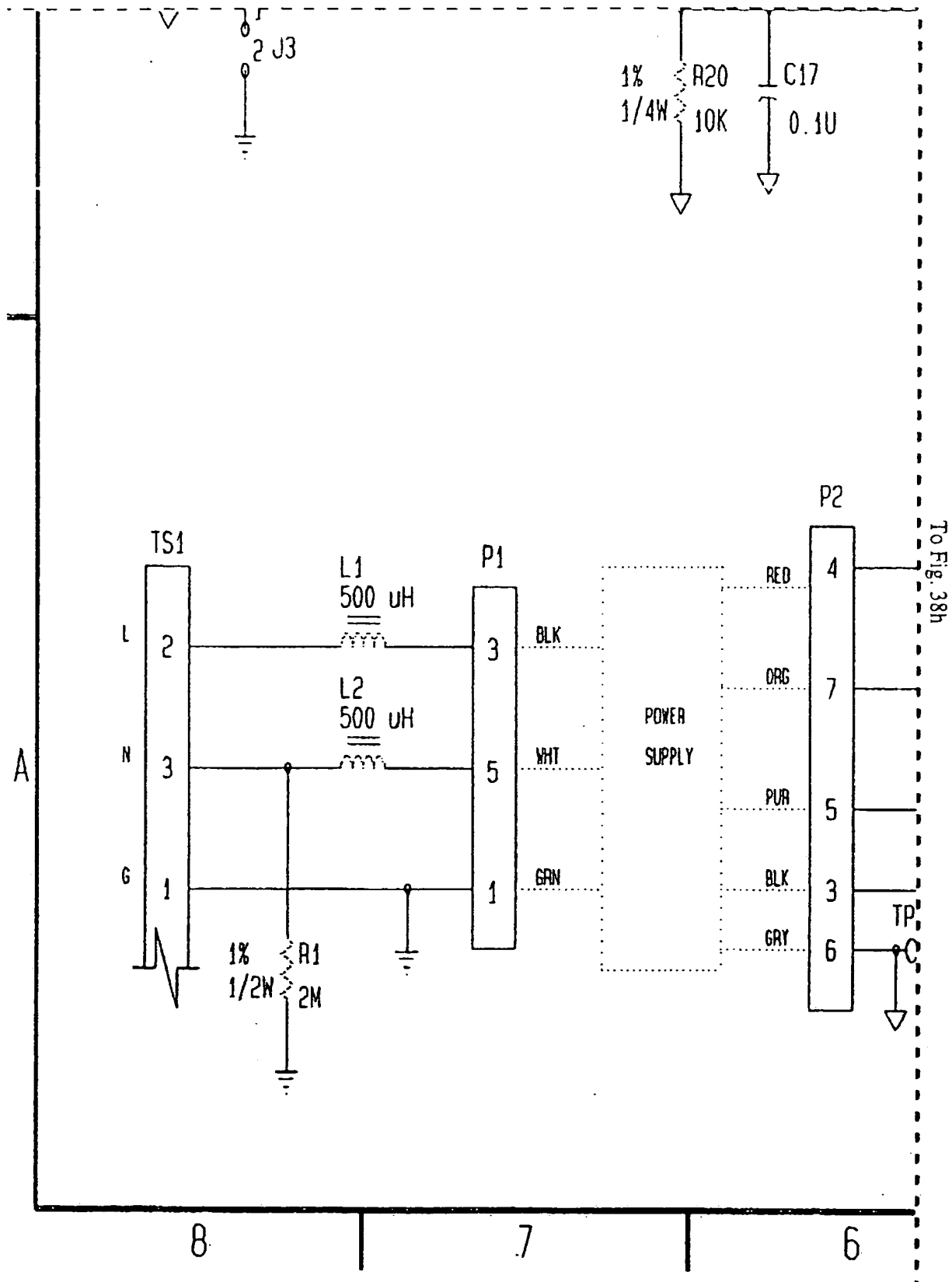
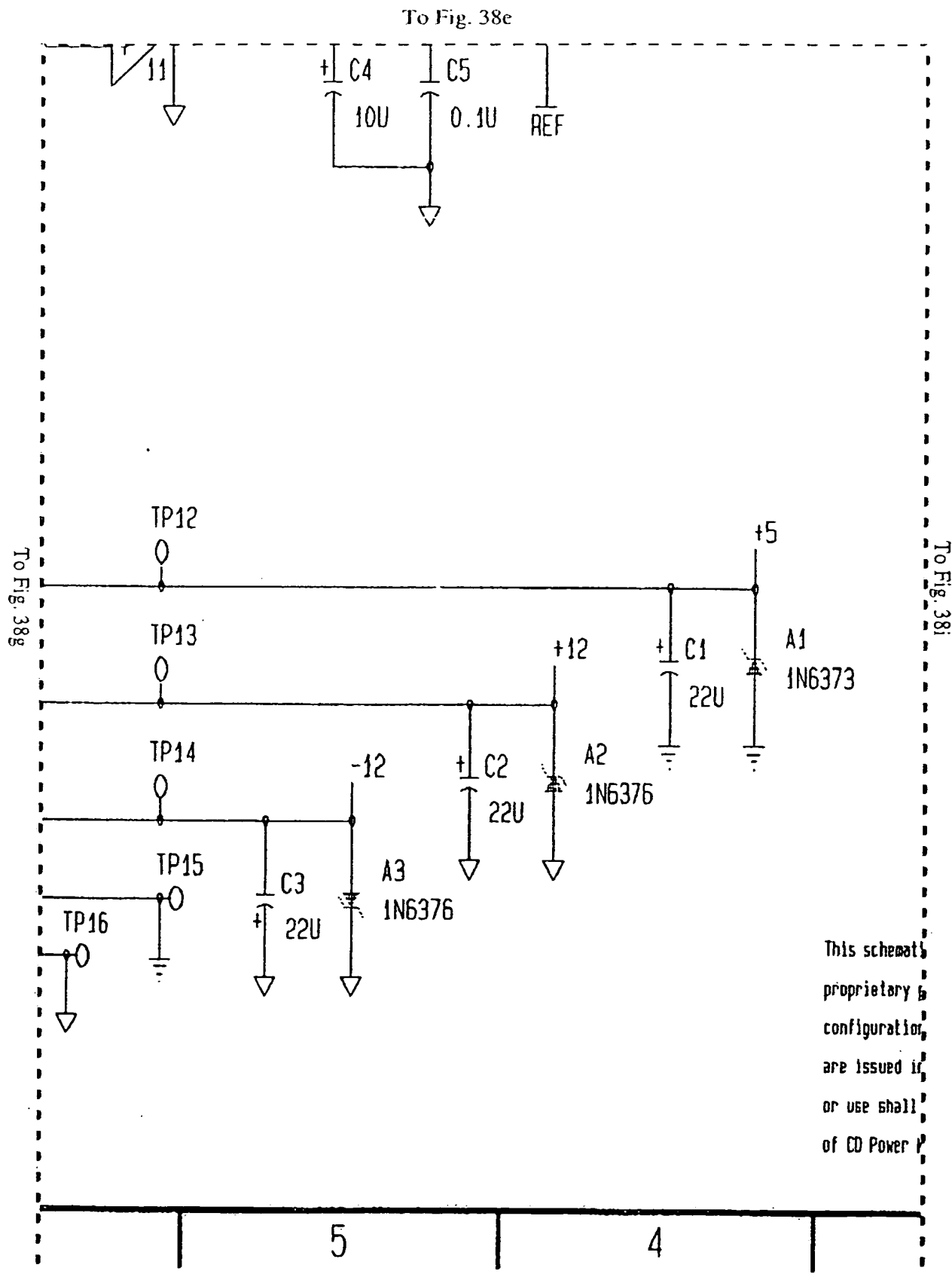


FIG. 38g

134 8 207



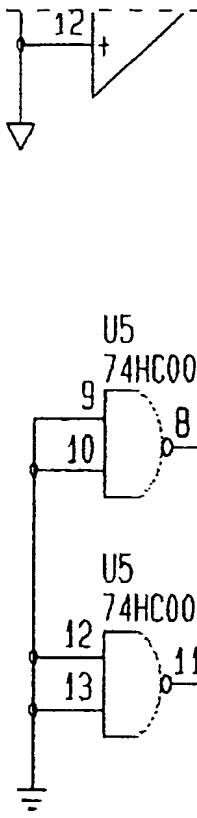
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FIG. 38h

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To Fig. 38f

To Fig. 38h



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 R39
 C30
 S6
 P4
 A16
 DS3
 TP16
 J5
 PIC3
 TS3
 L2
 T4

A

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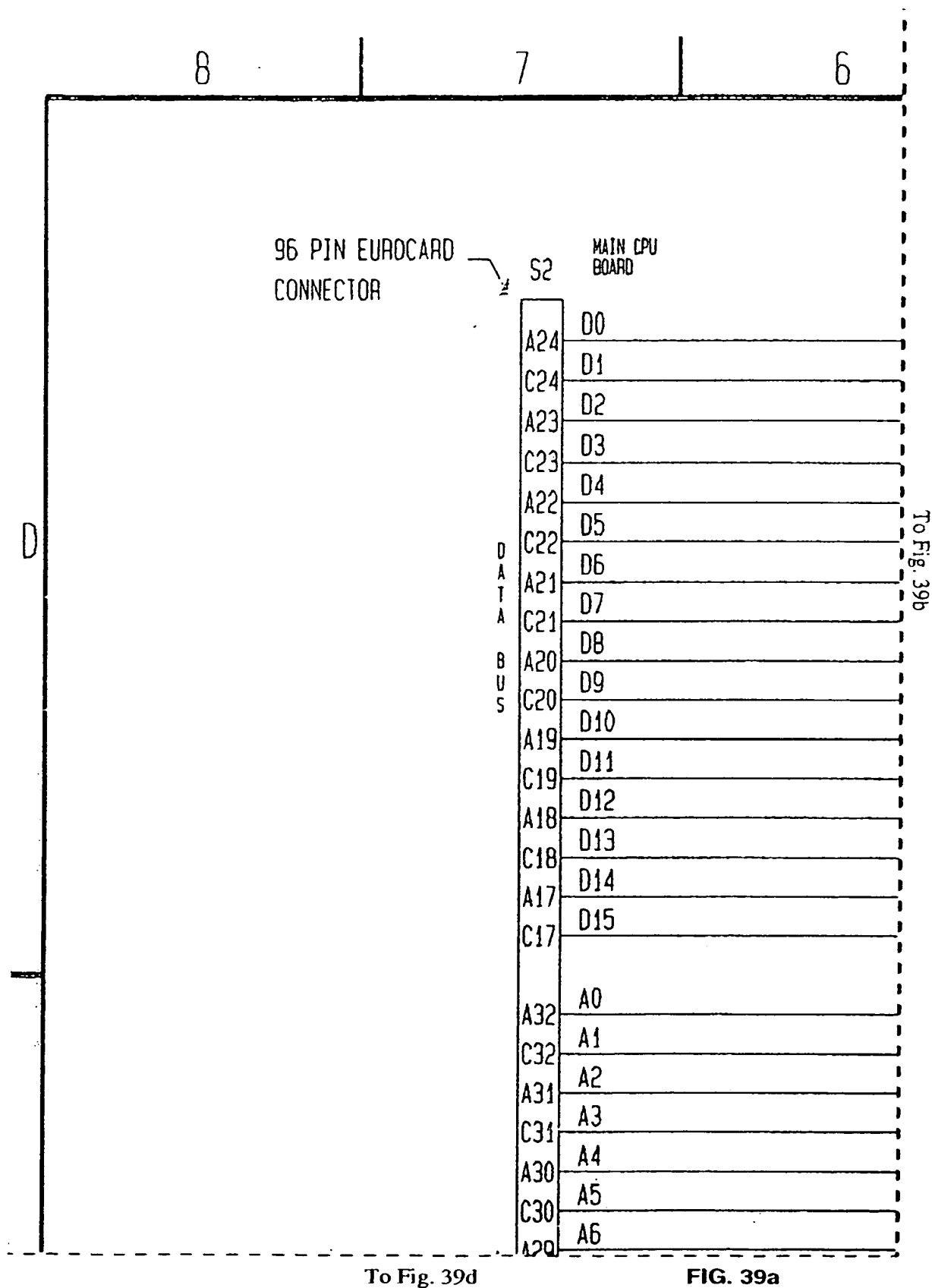
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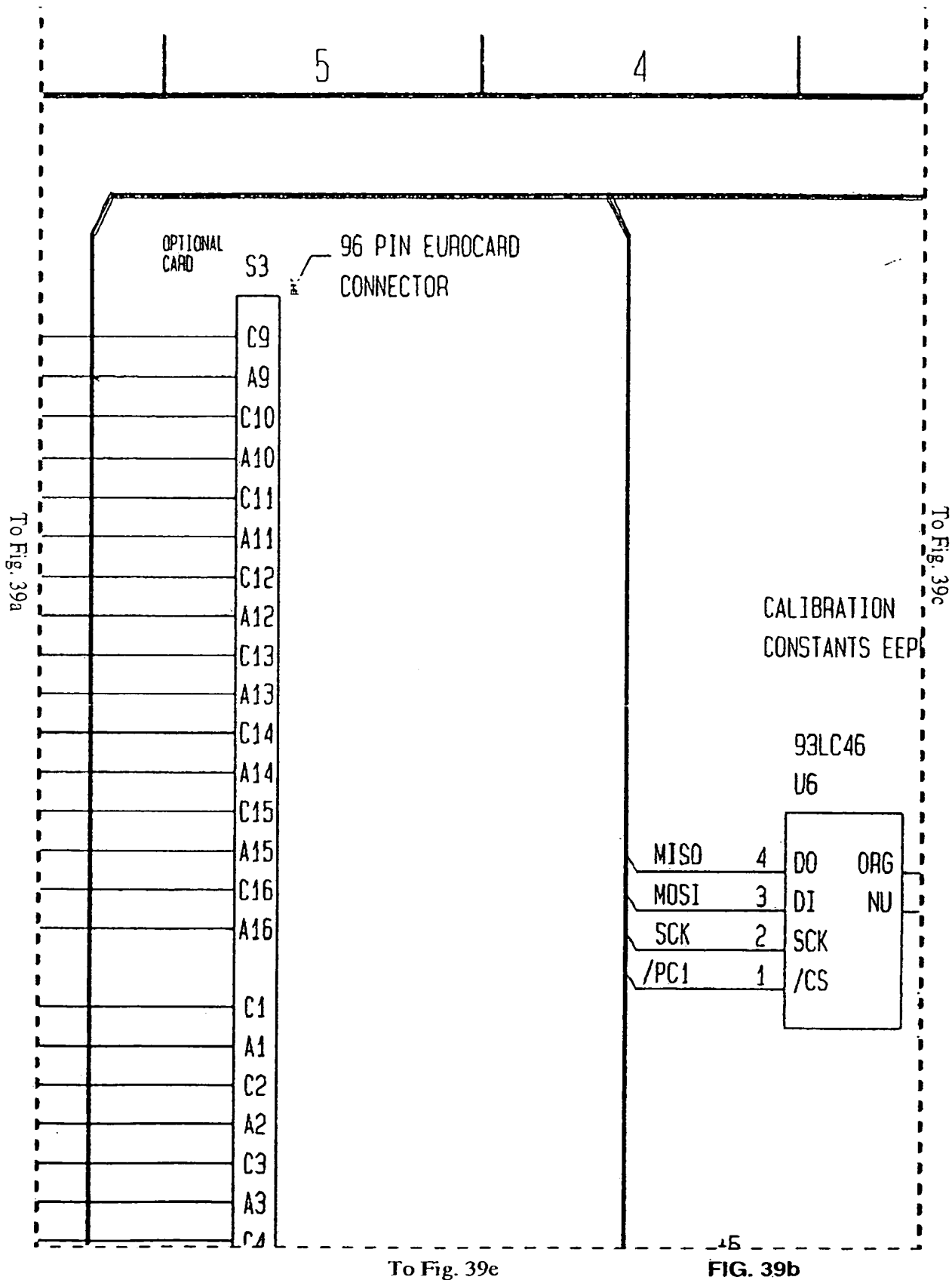
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FIG. 38i

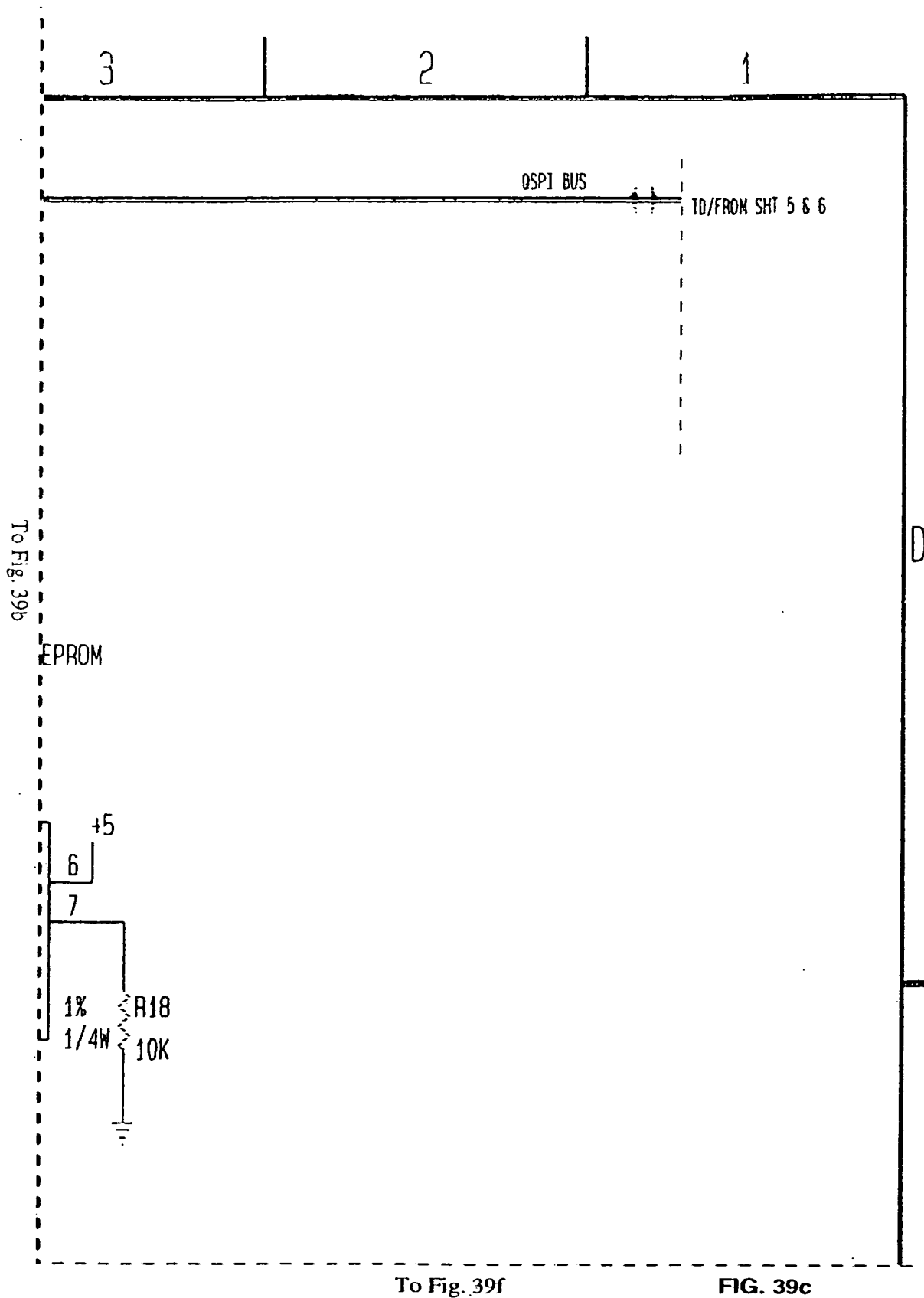
136 08 207



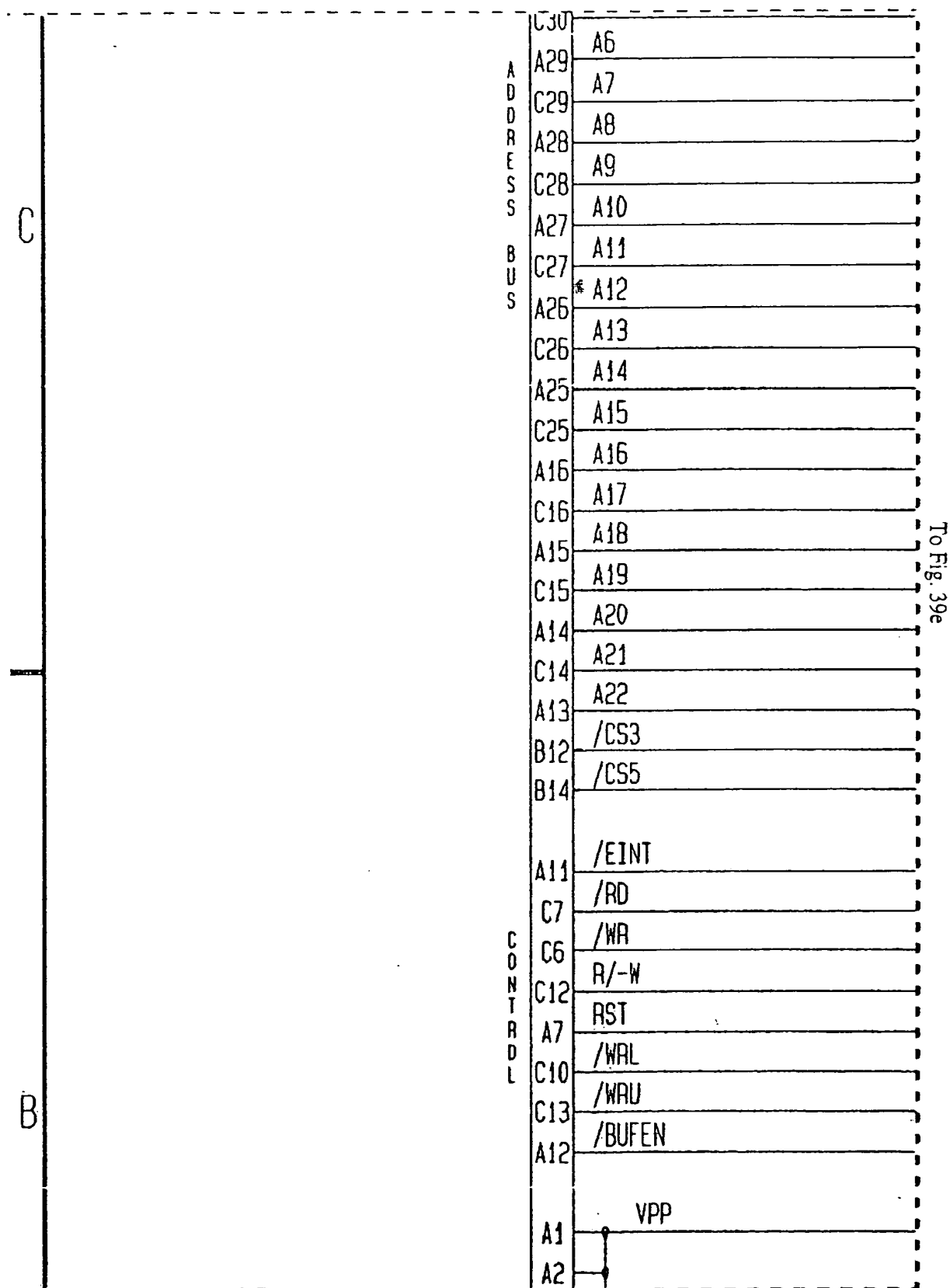
13707207



138 08 207



To Fig. 39a

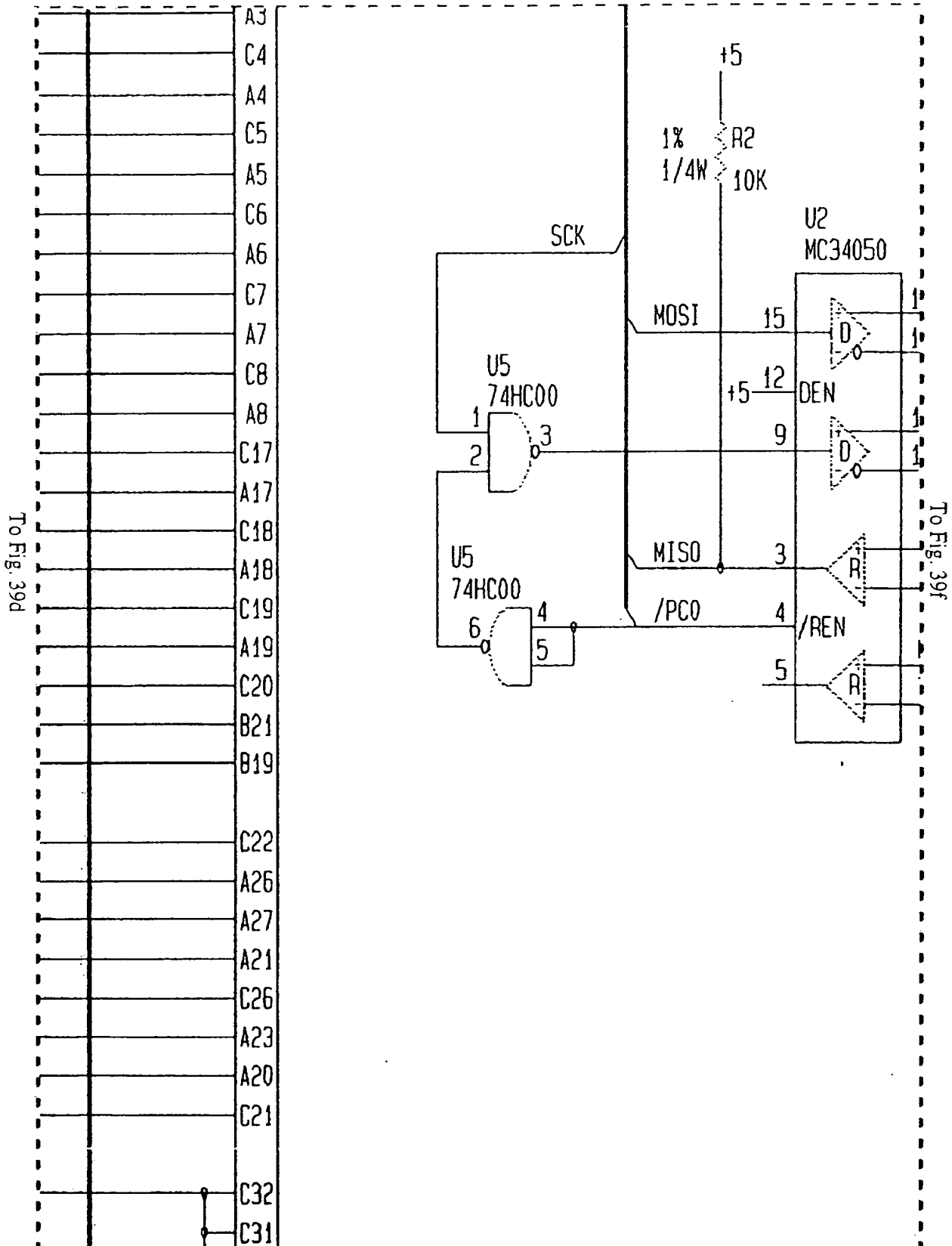


To Fig. 39g

FIG. 39d

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To Fig. 39b

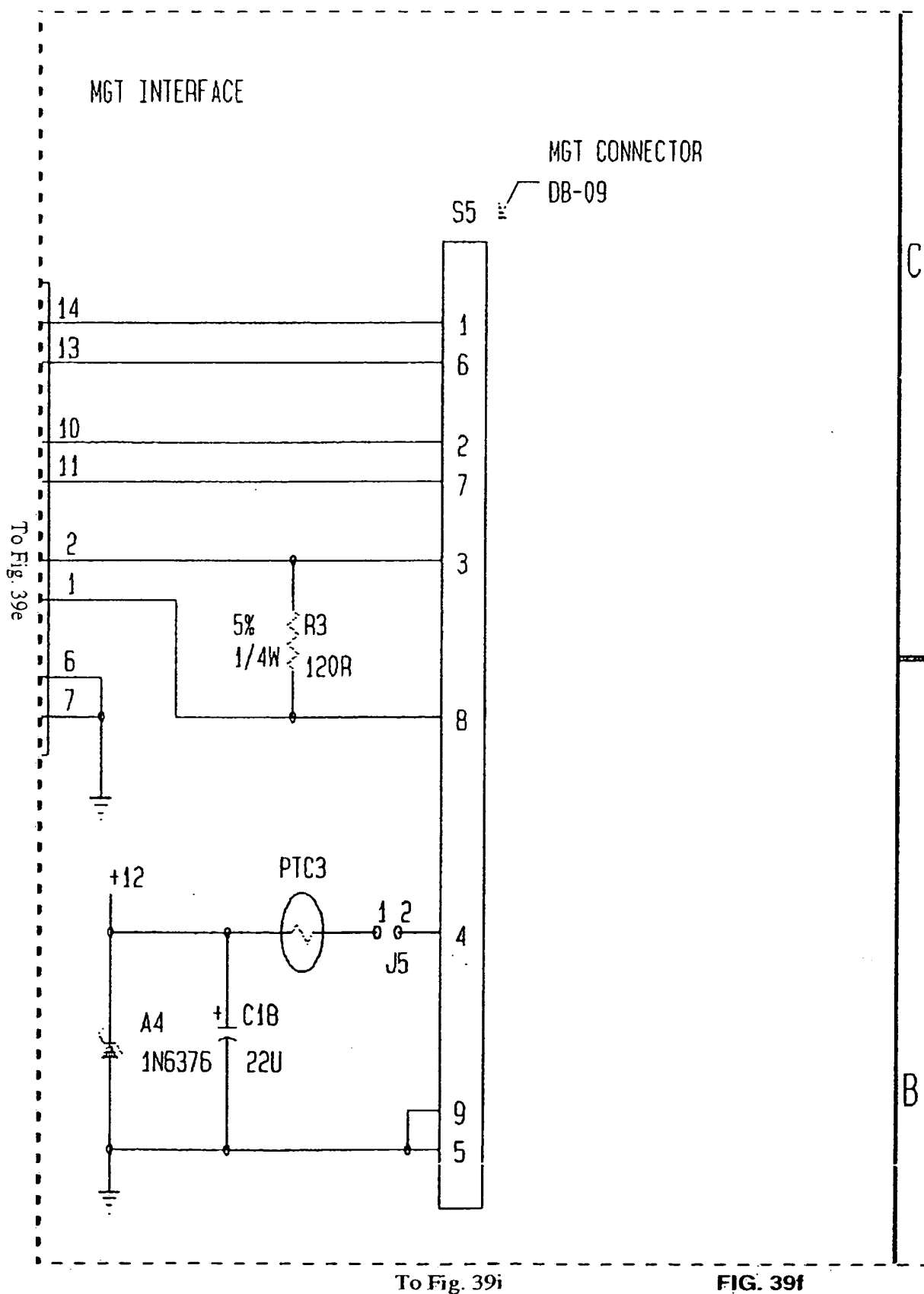


To Fig. 39h

FIG. 39e

141 a 207

To Fig. 39c



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To Fig. 39d

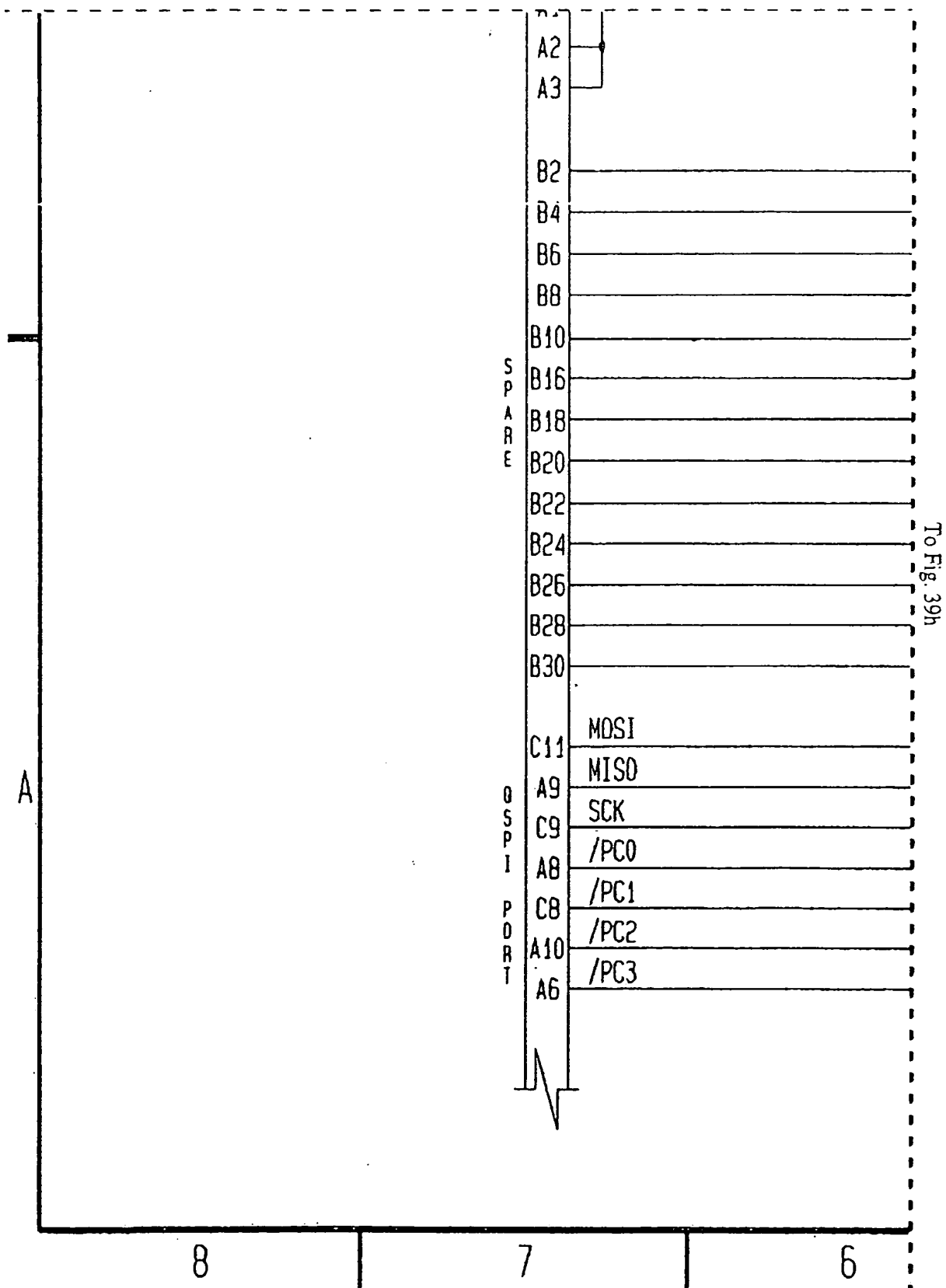
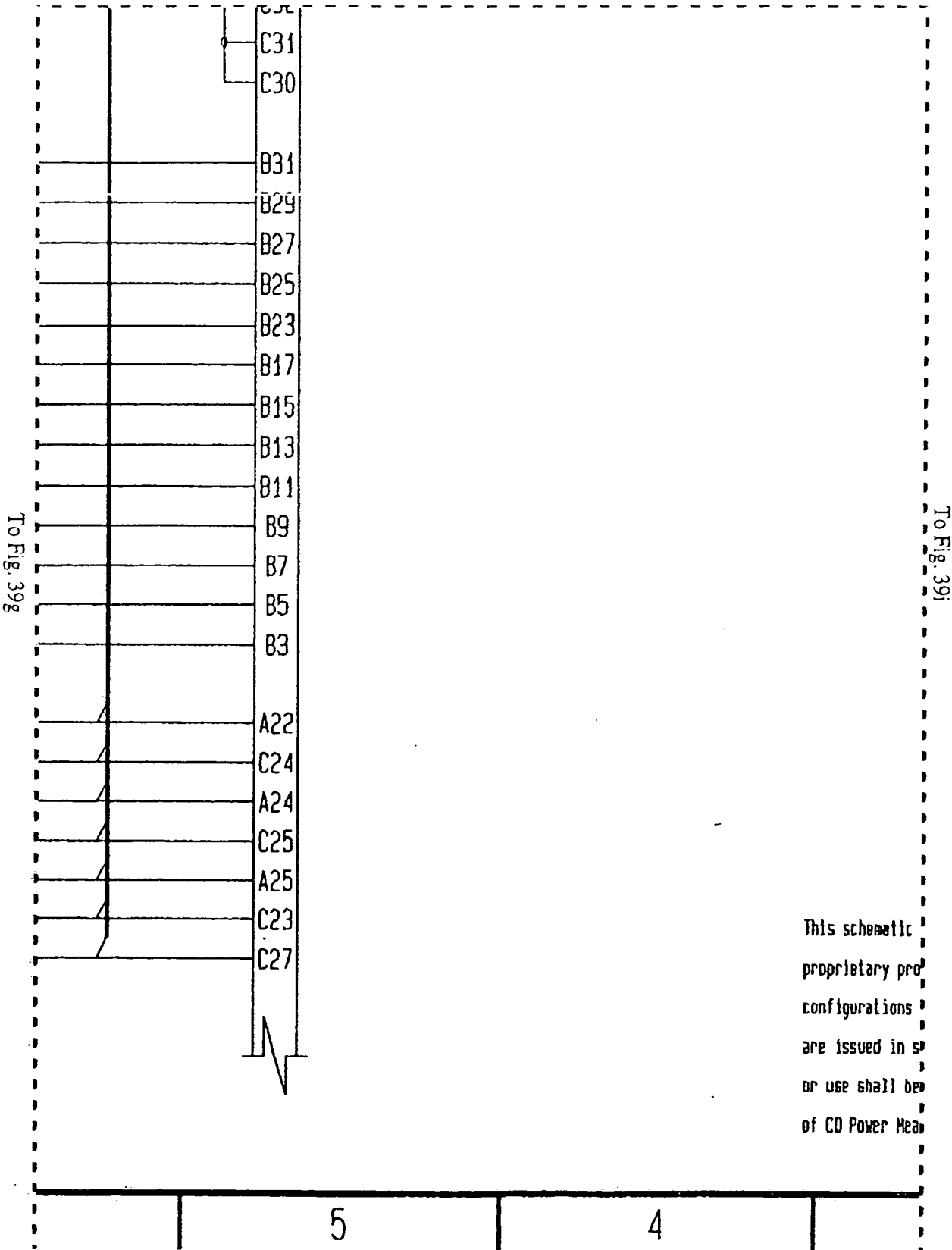


FIG. 39g

143 8207

To Fig. 39e




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FIG. 39h

To Fig. 39f

To Fig. 39h

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FIG. 39i

145 08 207

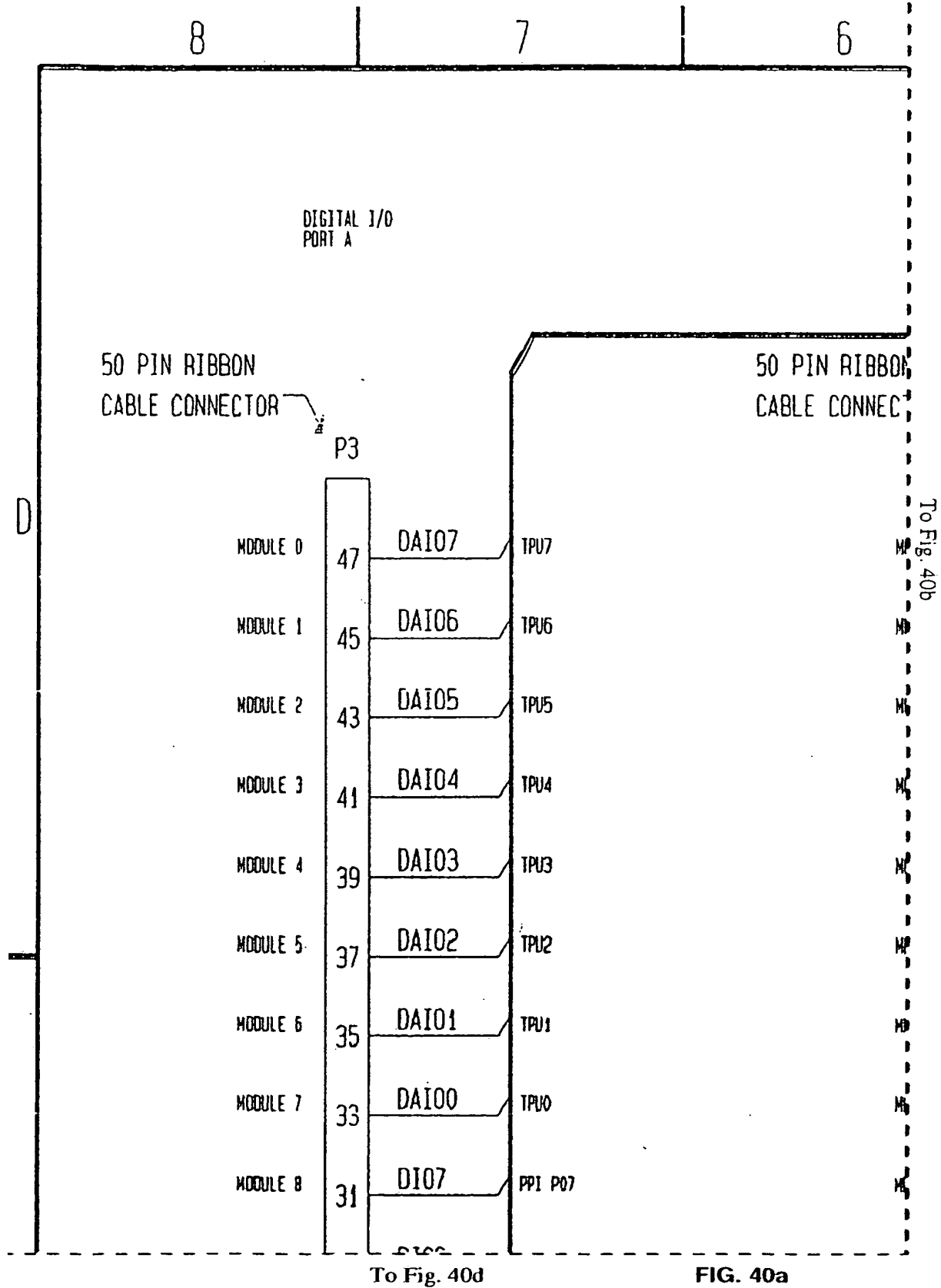
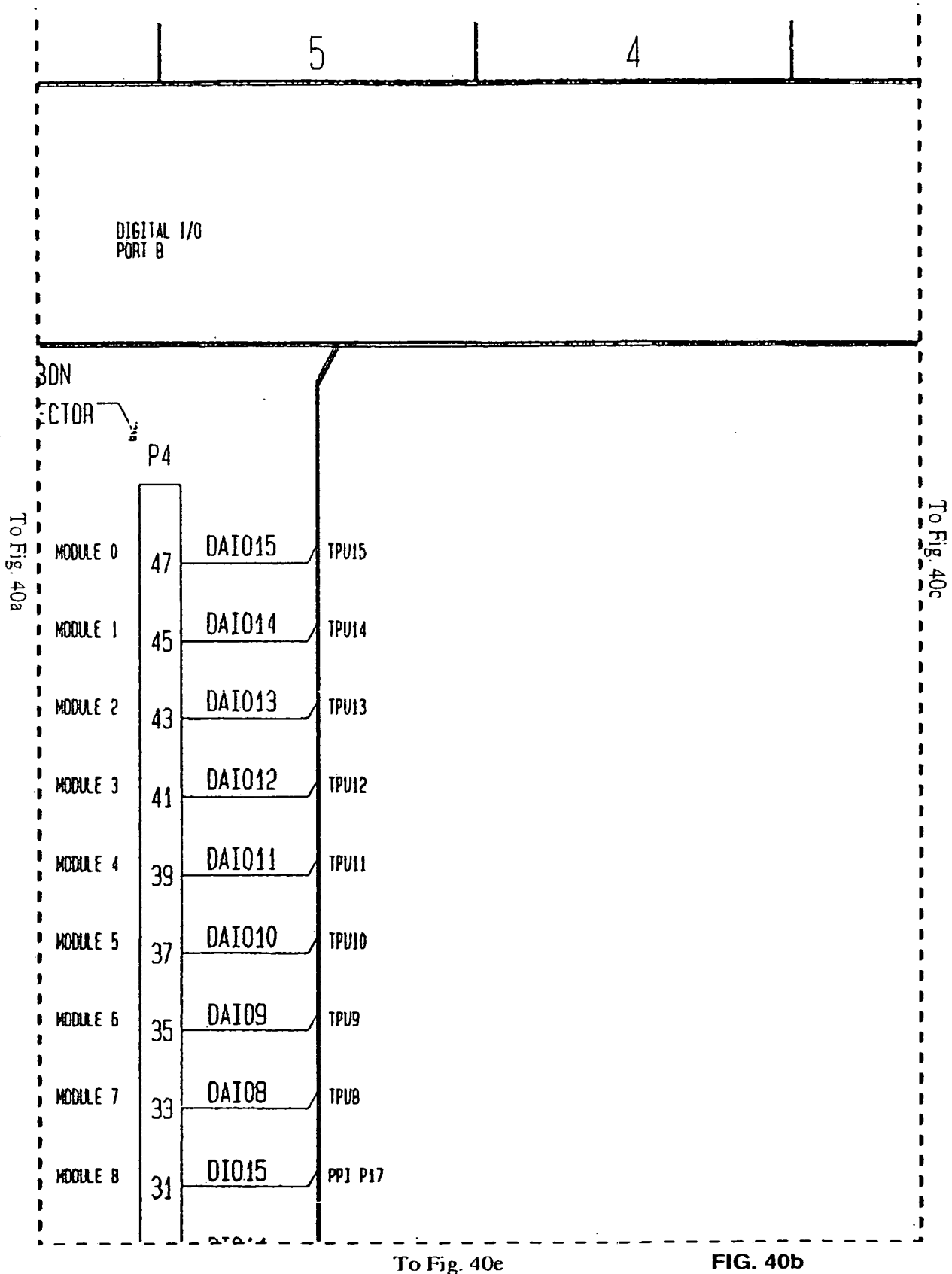
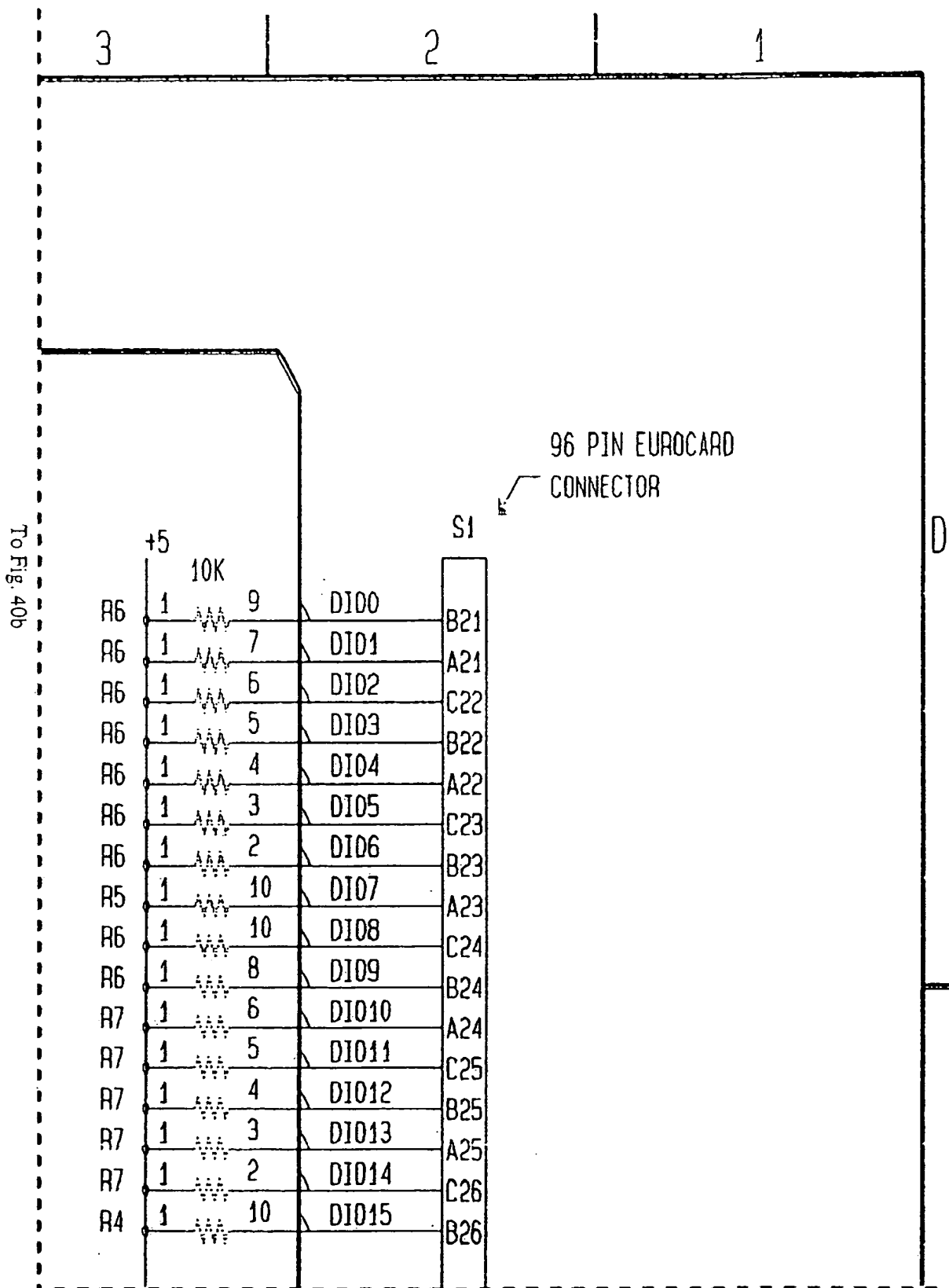


FIG. 40a

146 08207

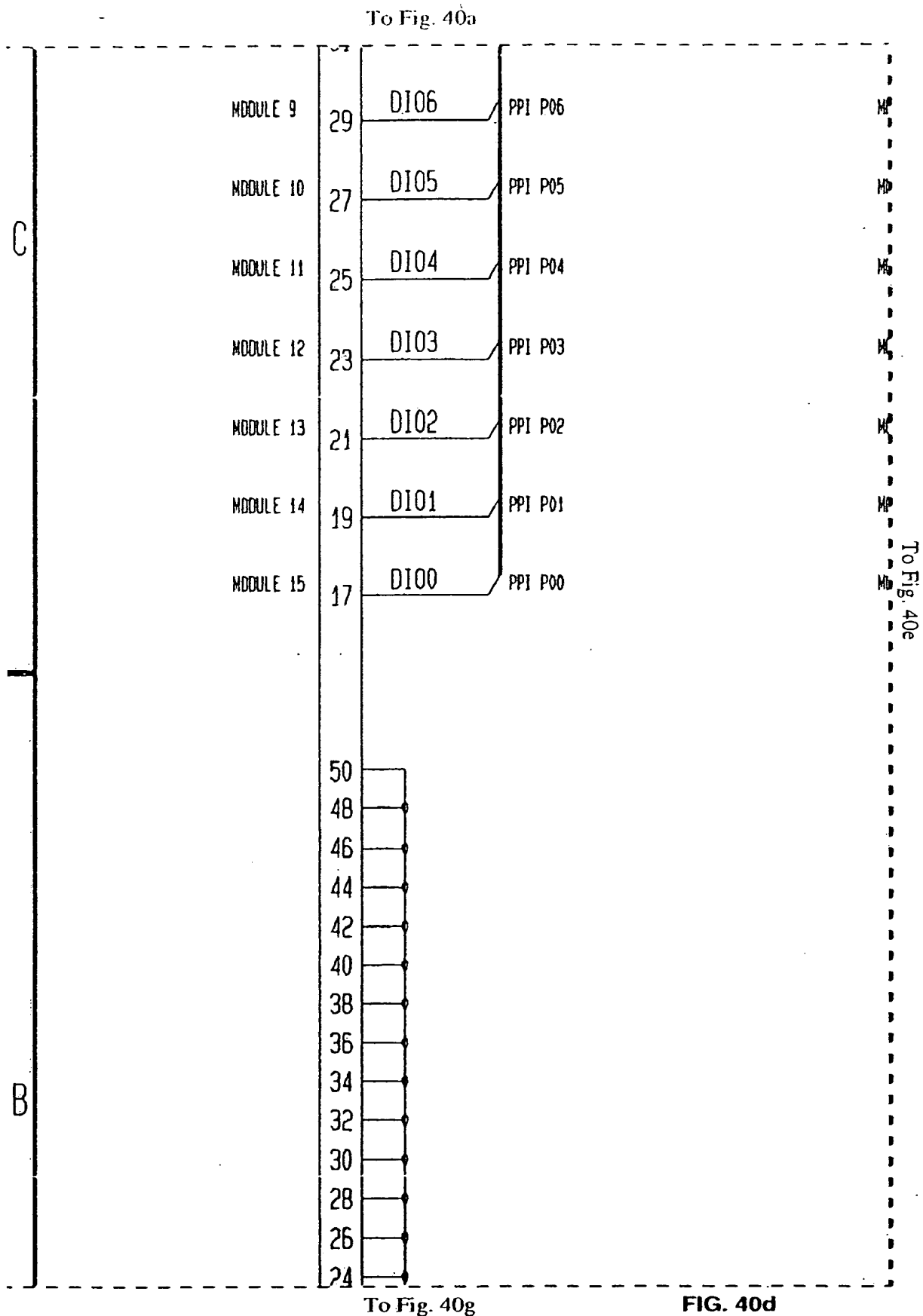




To Fig. 40f

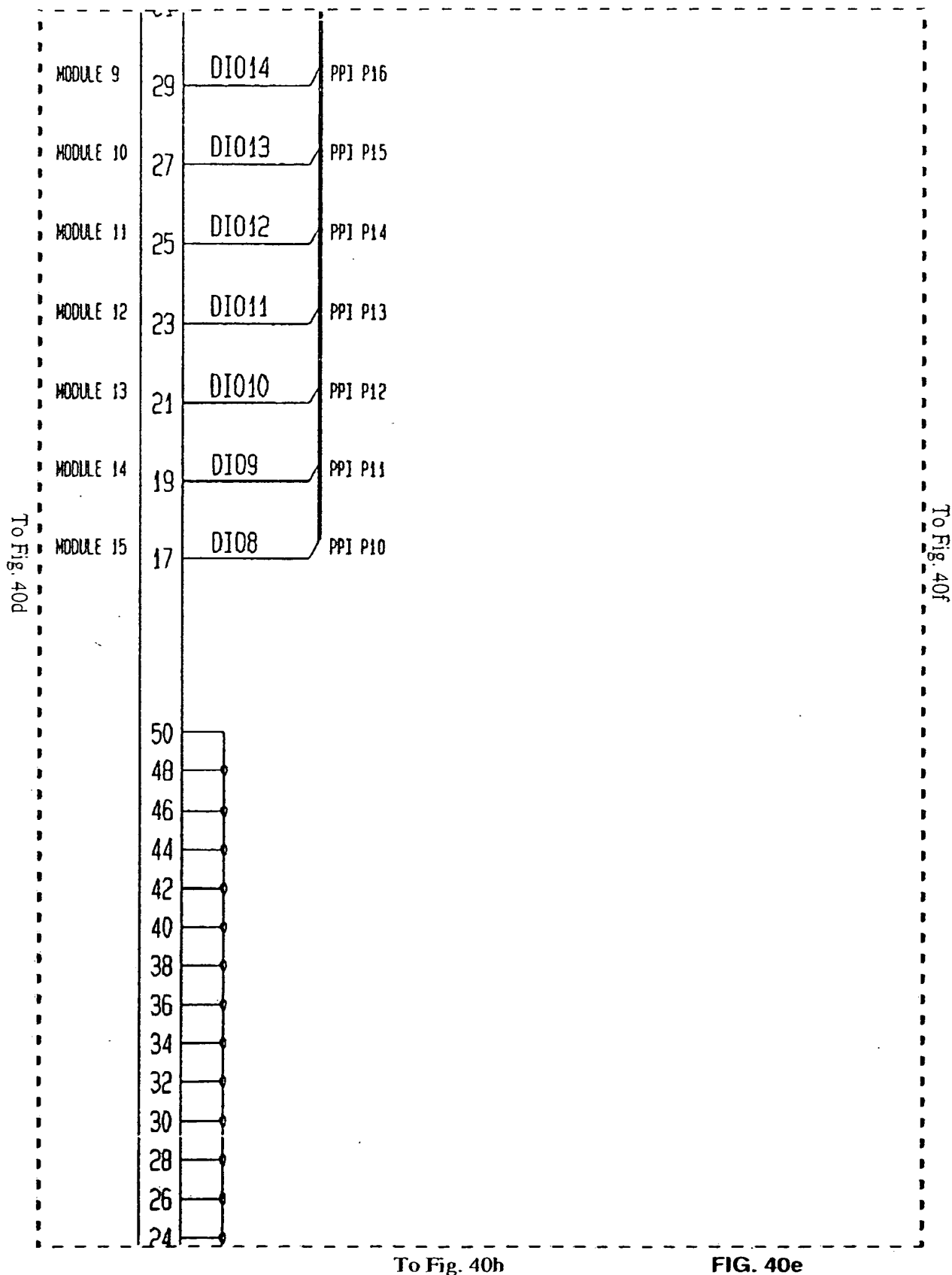
FIG. 40c

148 8307



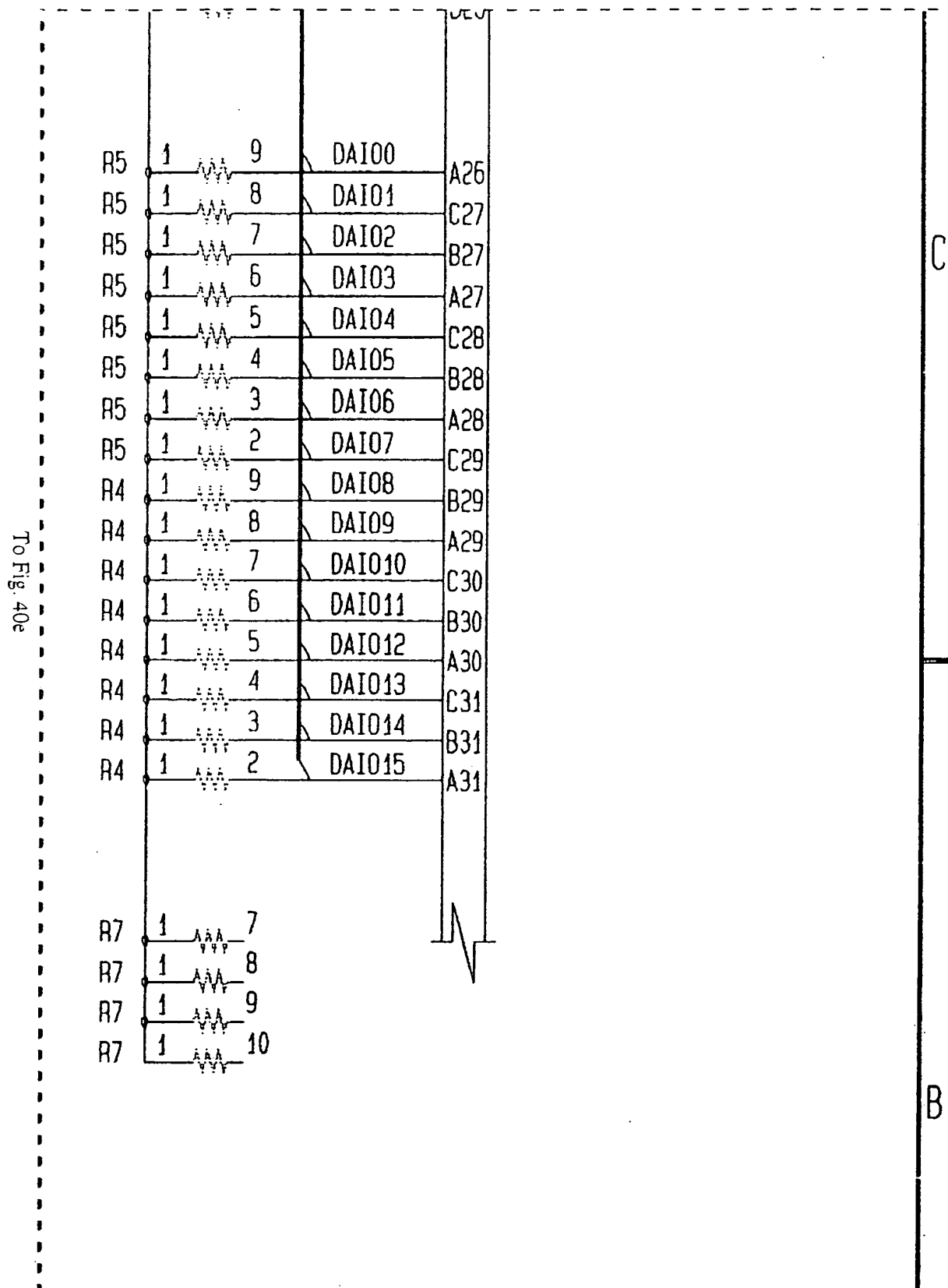
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To Fig. 40b



150 9 207

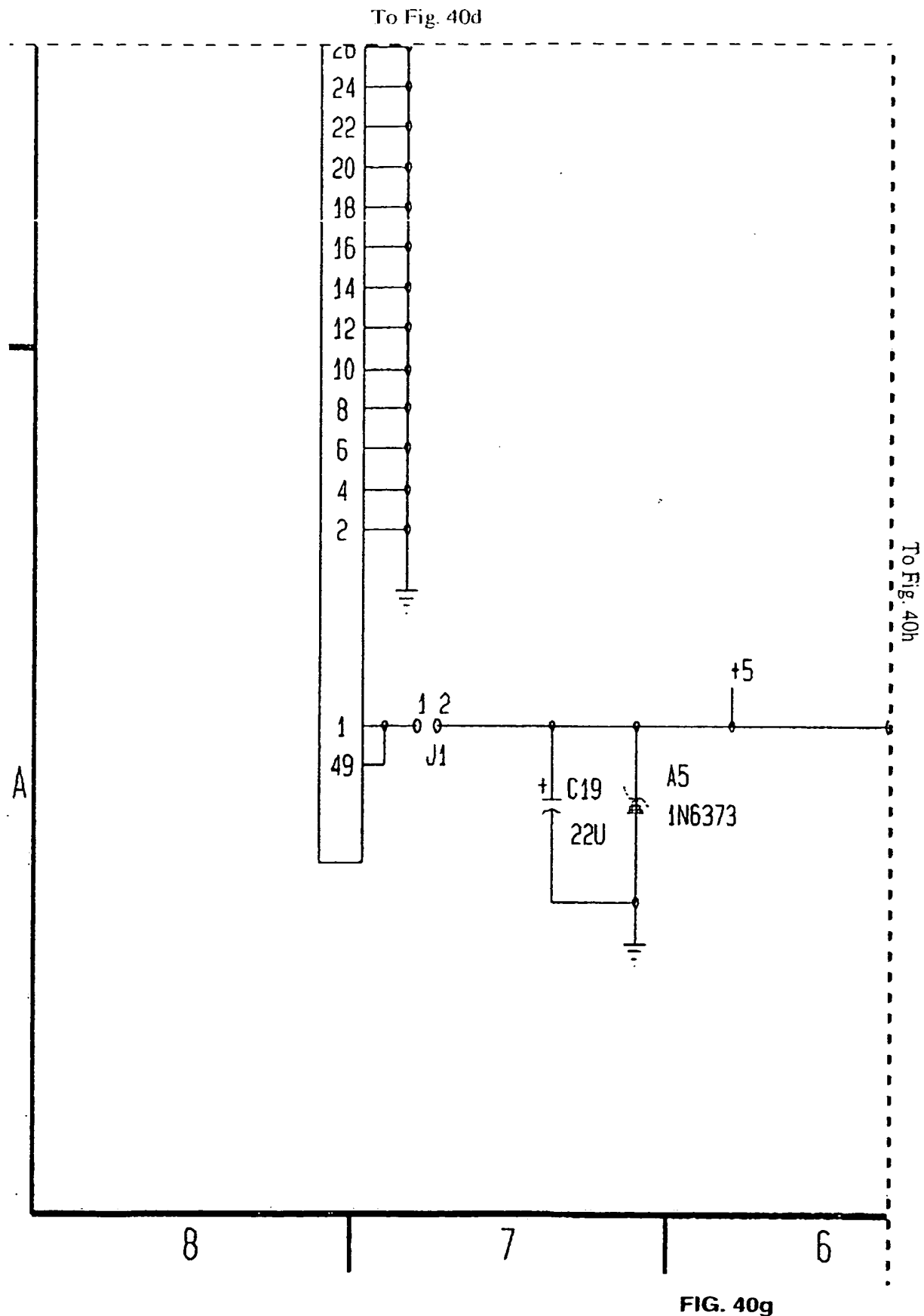
To Fig. 40c



To Fig. 40i

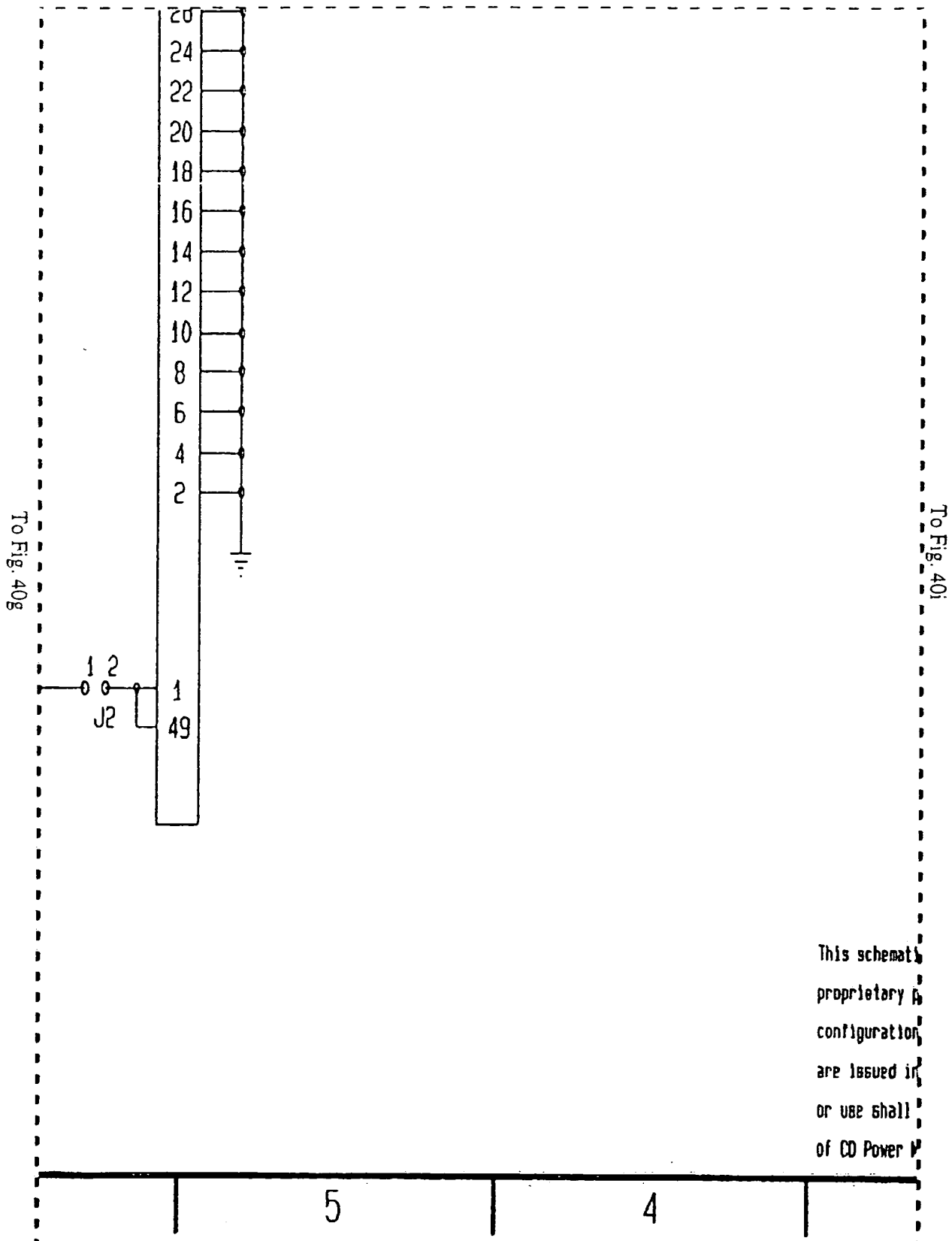
FIG. 40f

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To Fig. 40e



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FIG. 40h

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To Fig. 40f

To Fig. 40h

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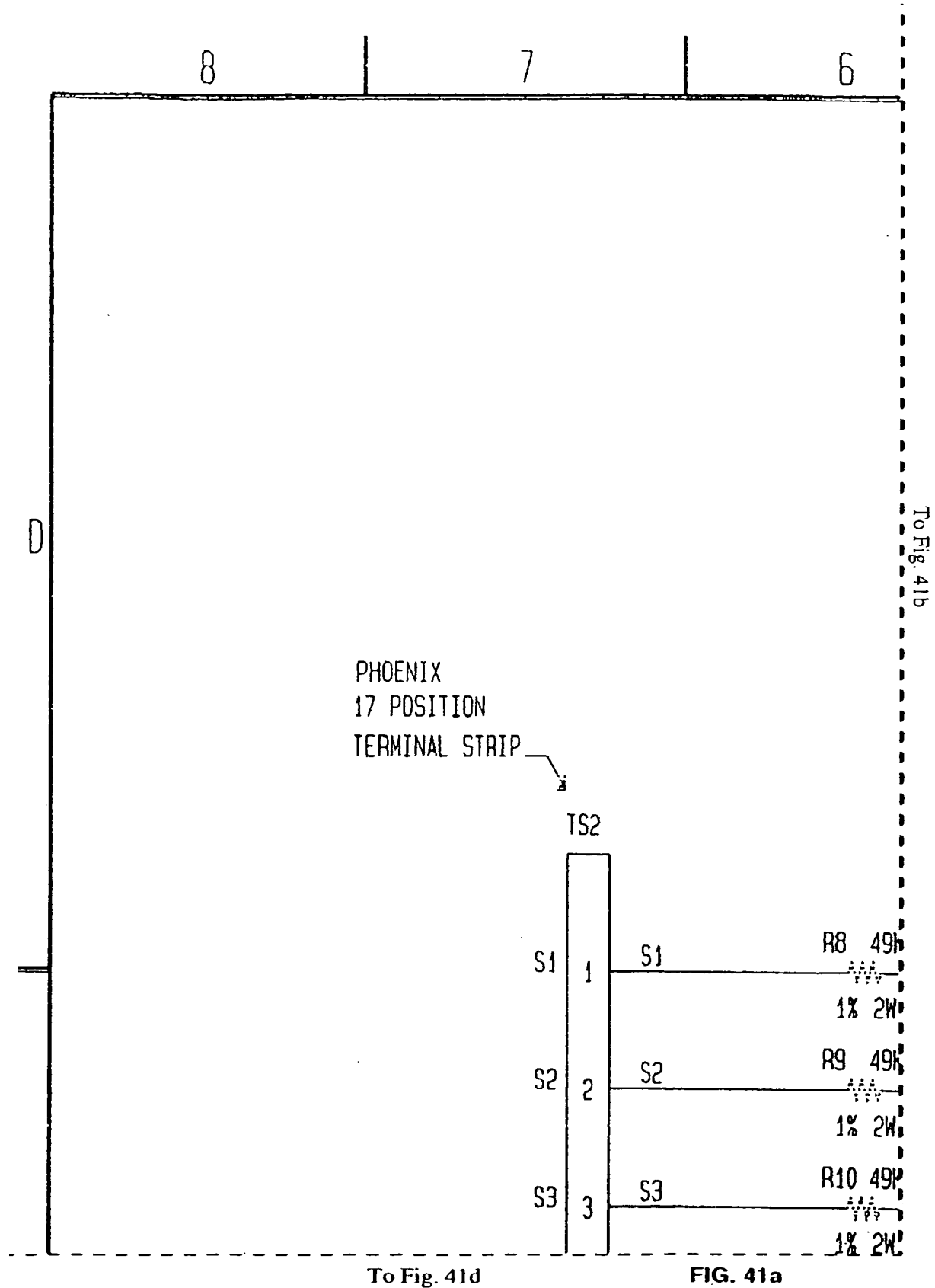
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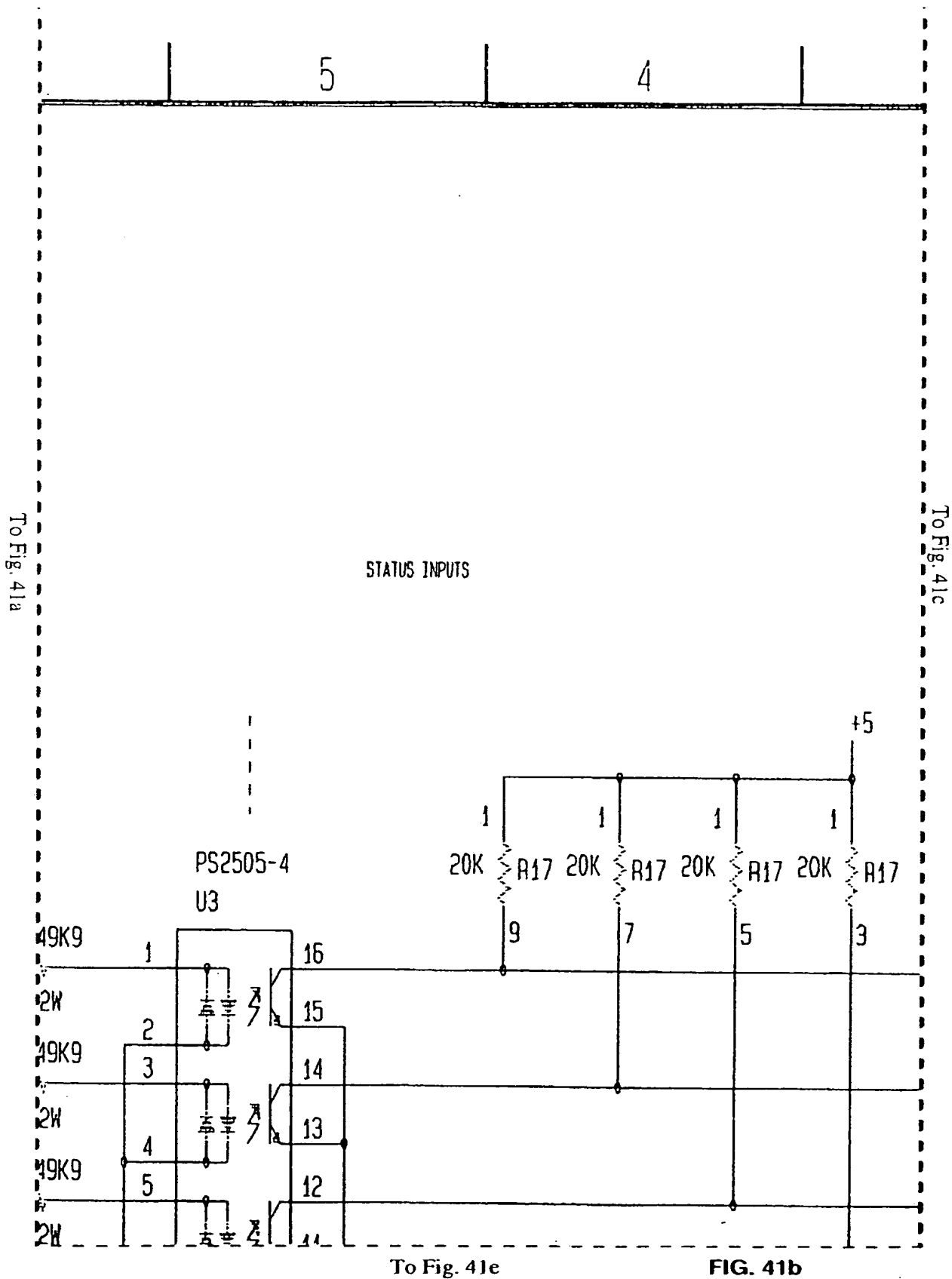
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FIG. 40i

154 8 207



155 0207



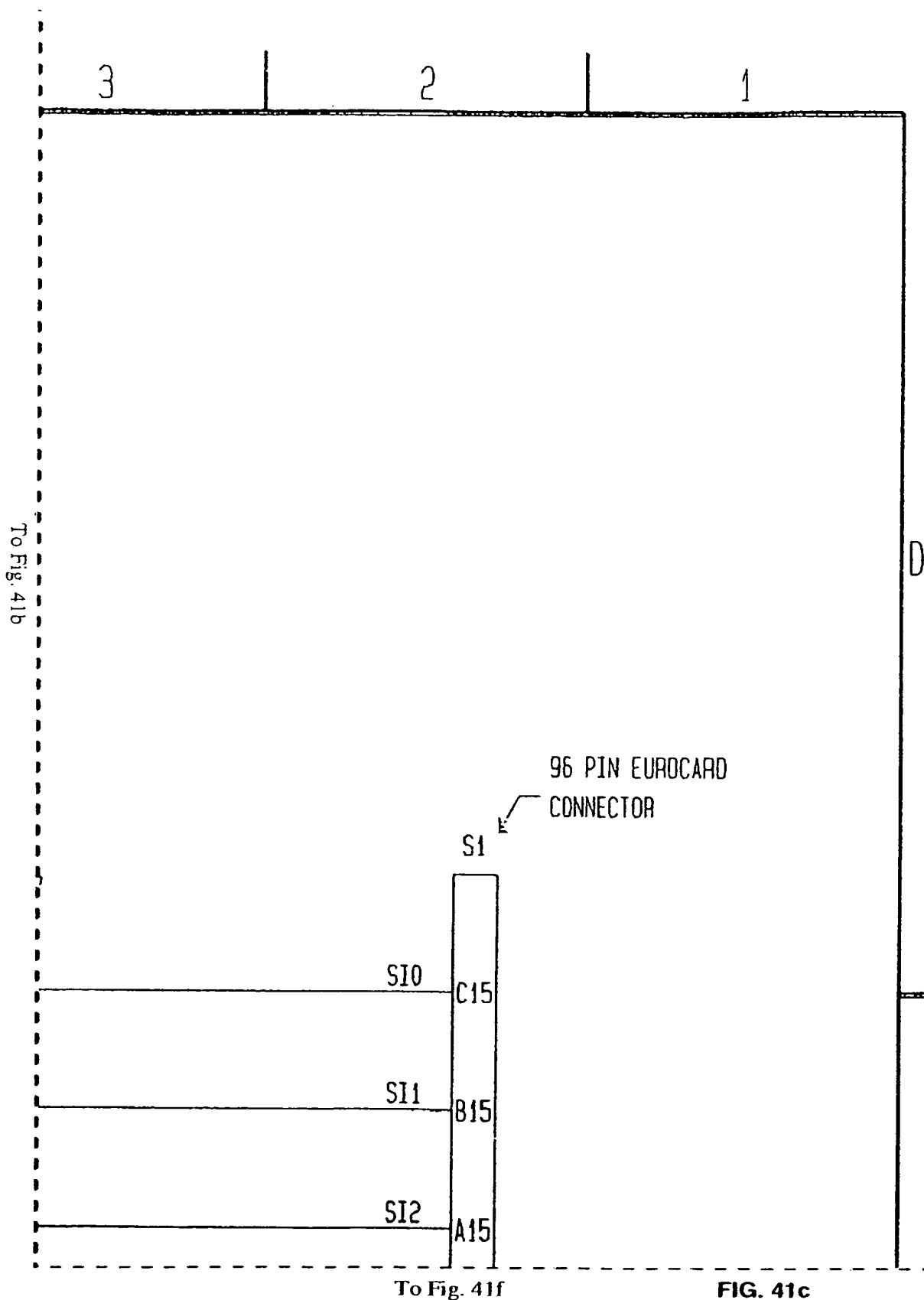
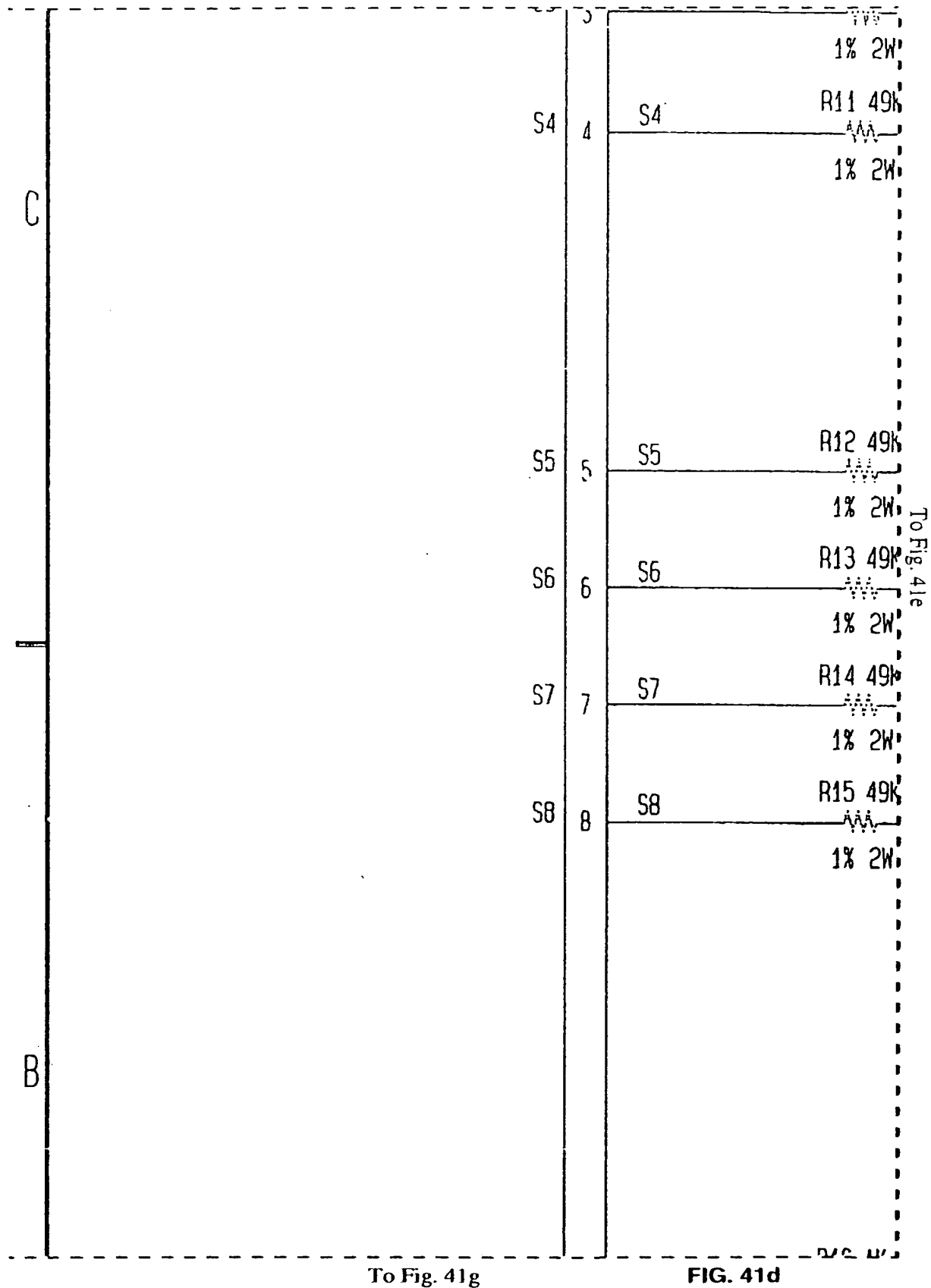


FIG. 41c

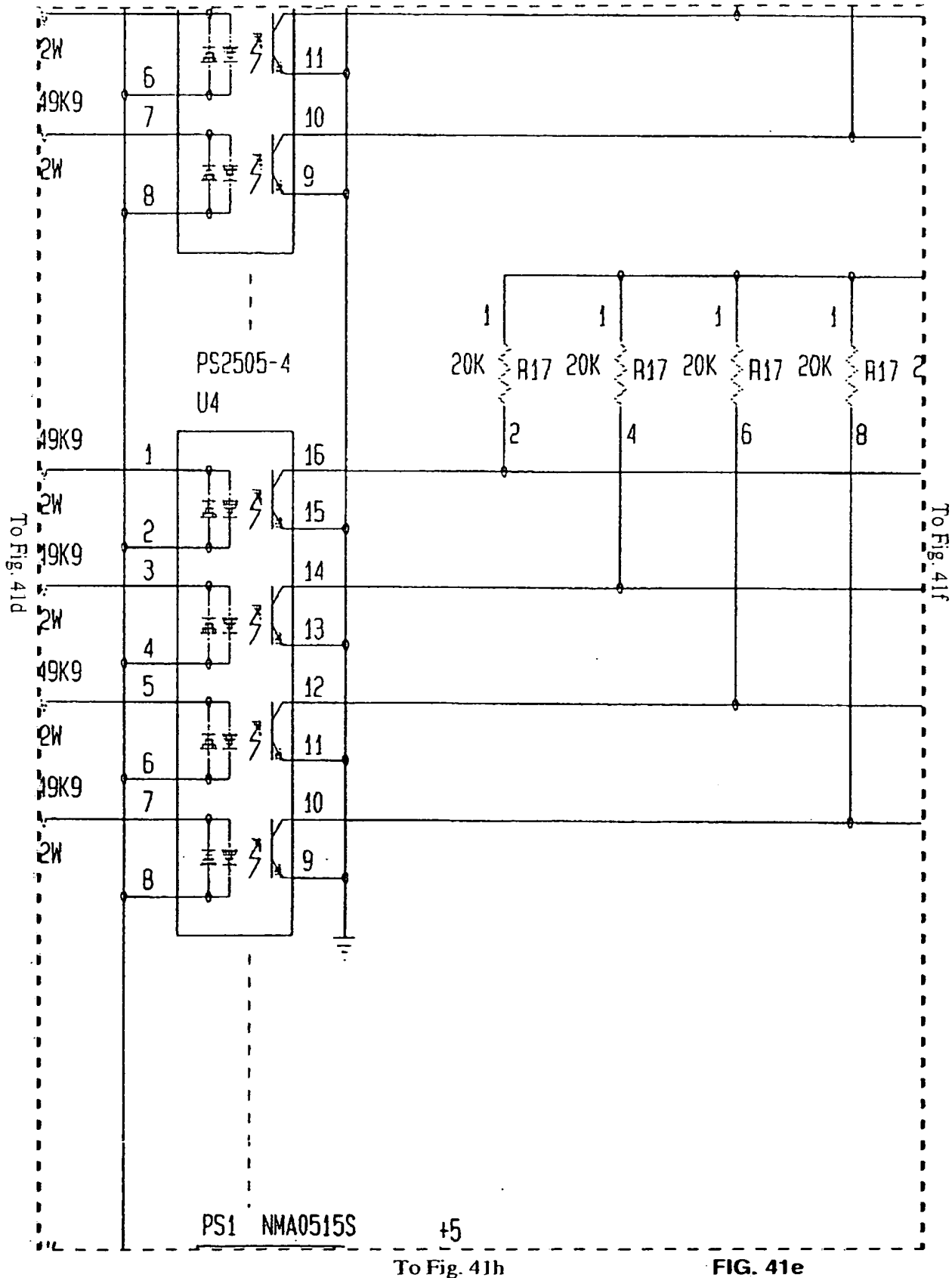
157 08 207

To Fig. 41a

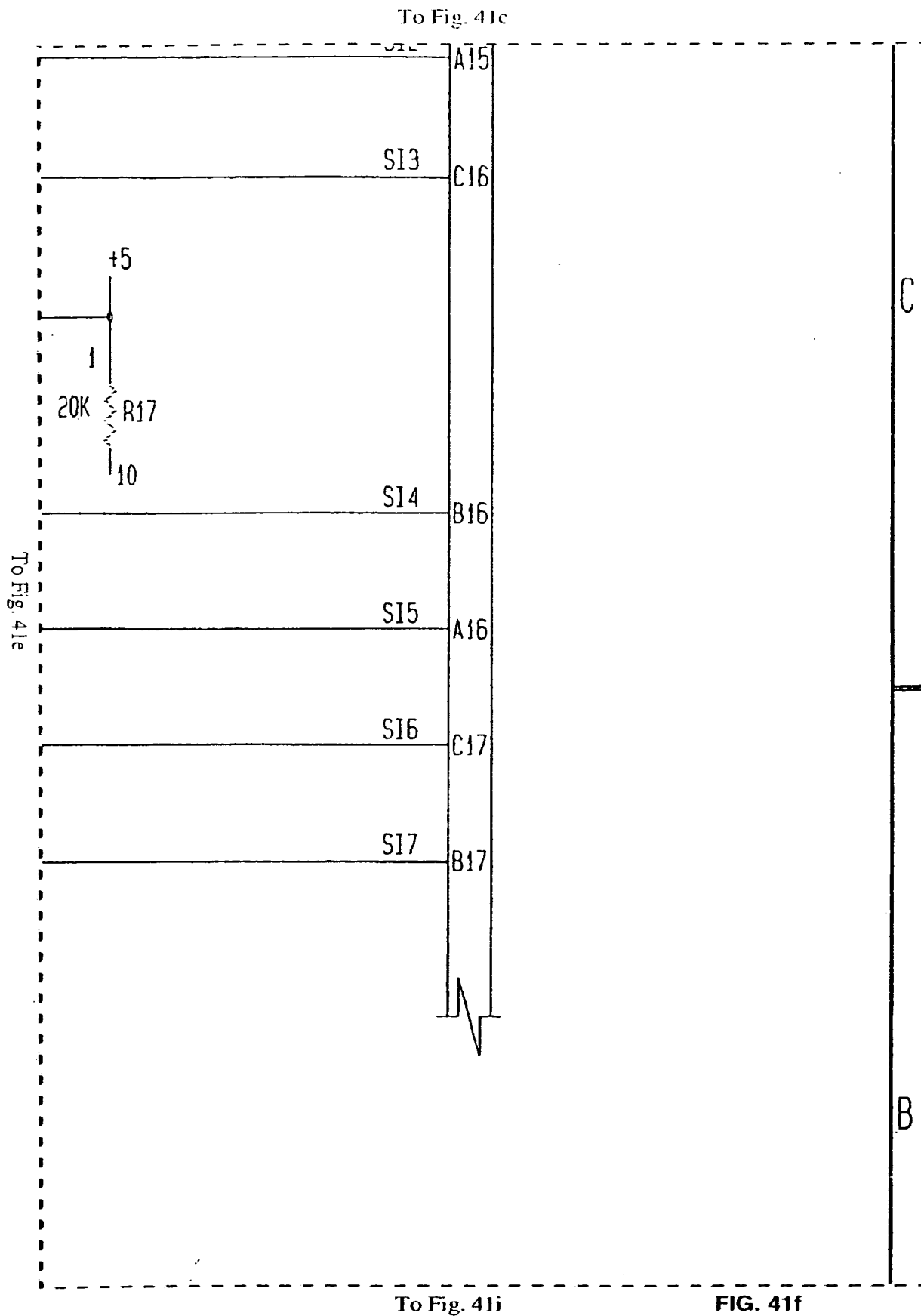


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To Fig. 41b



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160 88 207

To Fig. 41d

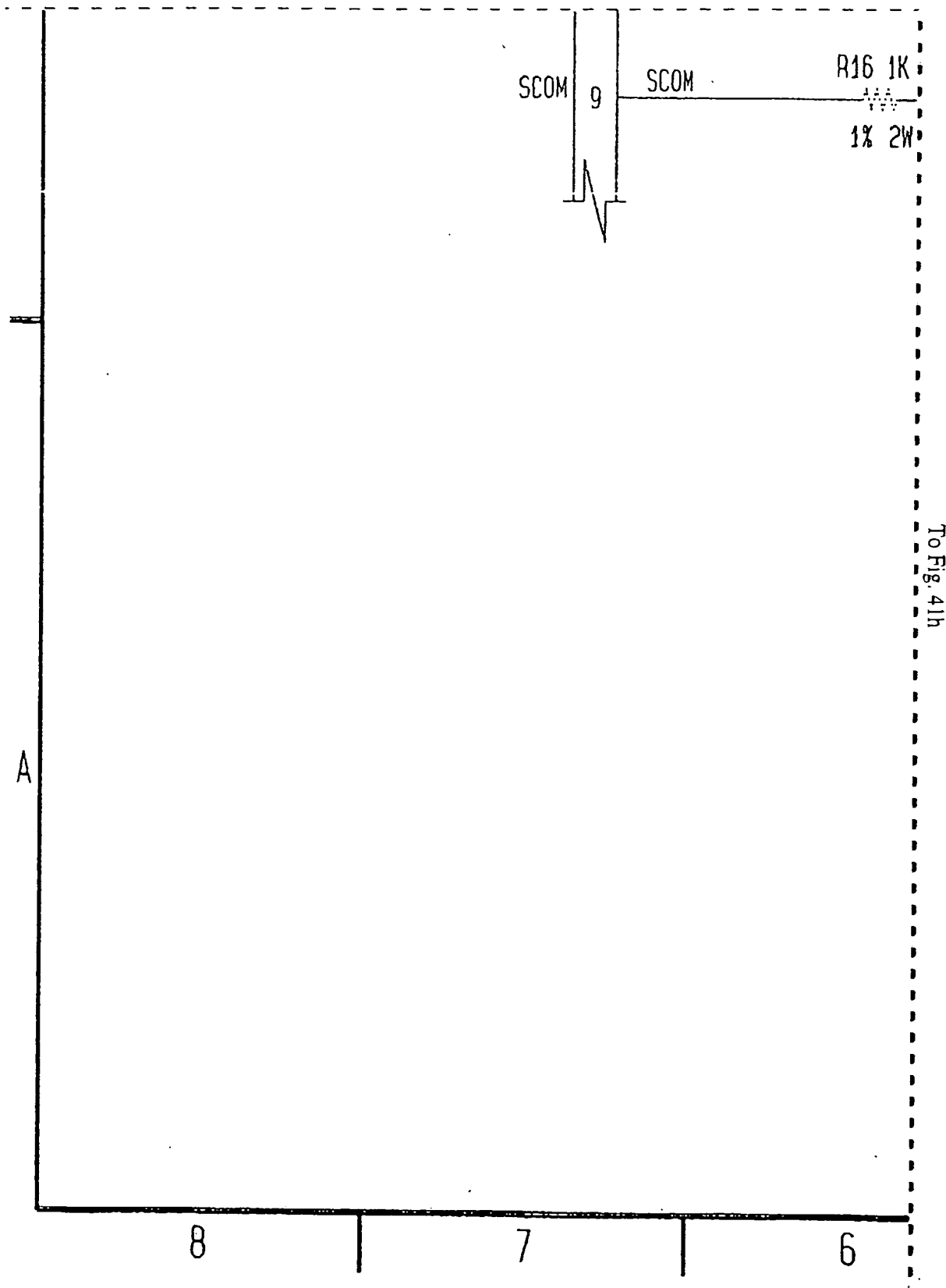
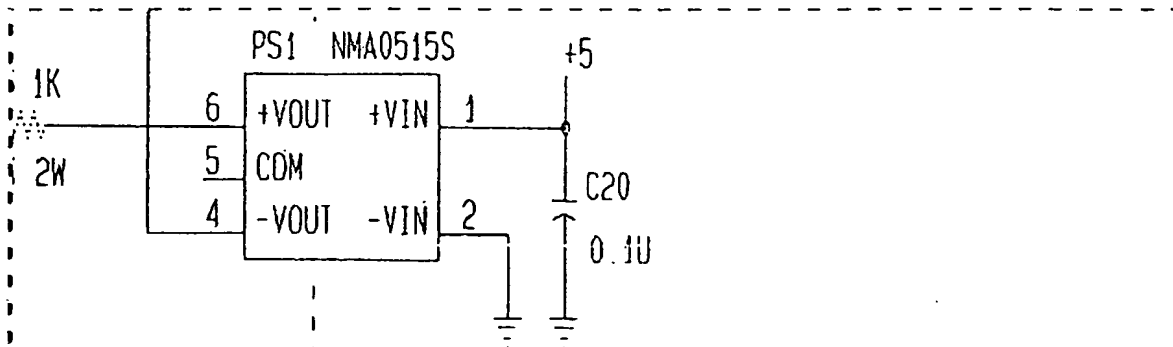


FIG. 41g

161 06307

To Fig. 41c



ISOLATION

To Fig. 41i

To Fig. 41g

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FIG. 41h

162 88 007

To Fig. 41f

To Fig. 41h

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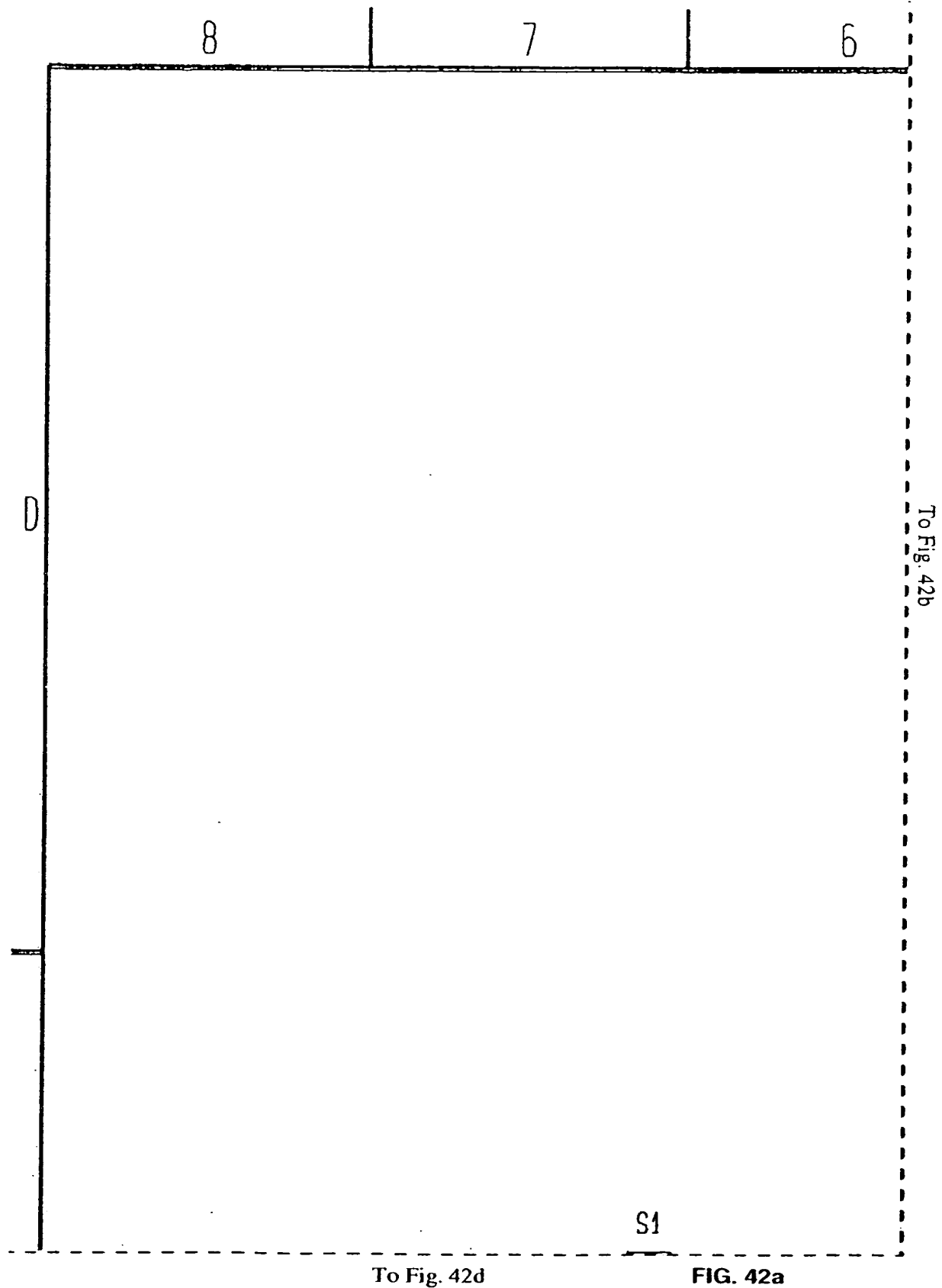
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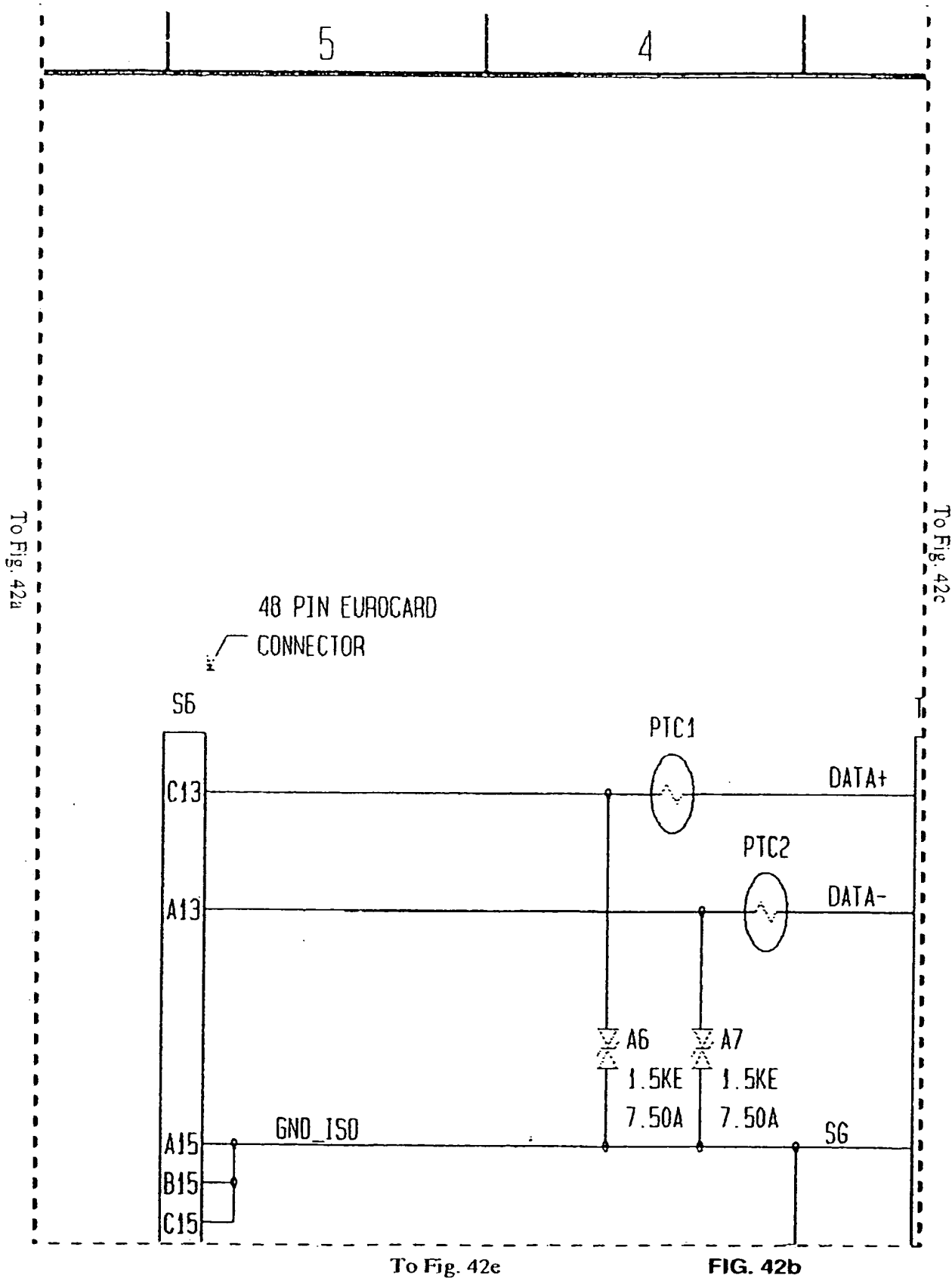
1

FIG. 41i

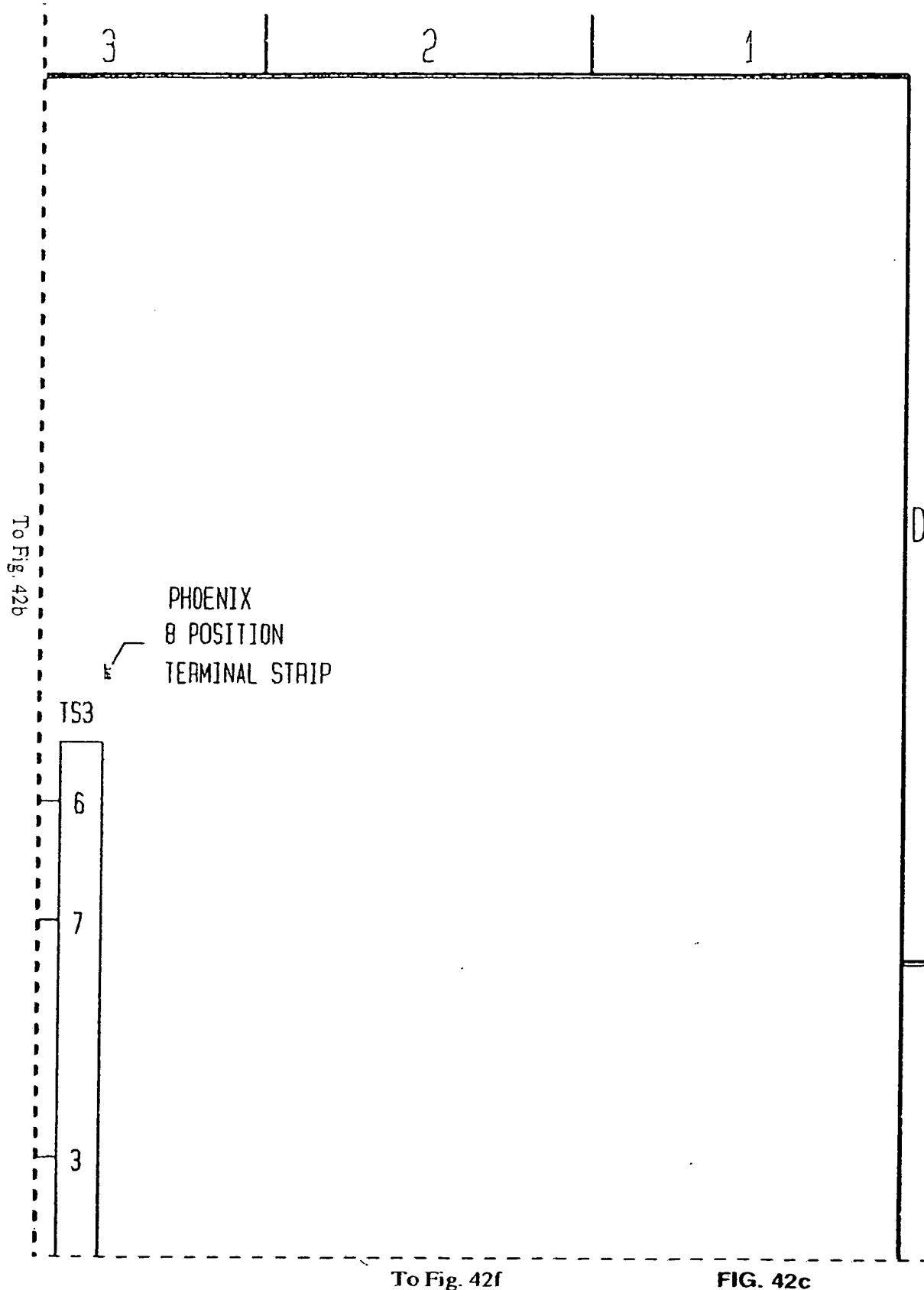
163 8 207



164 58207

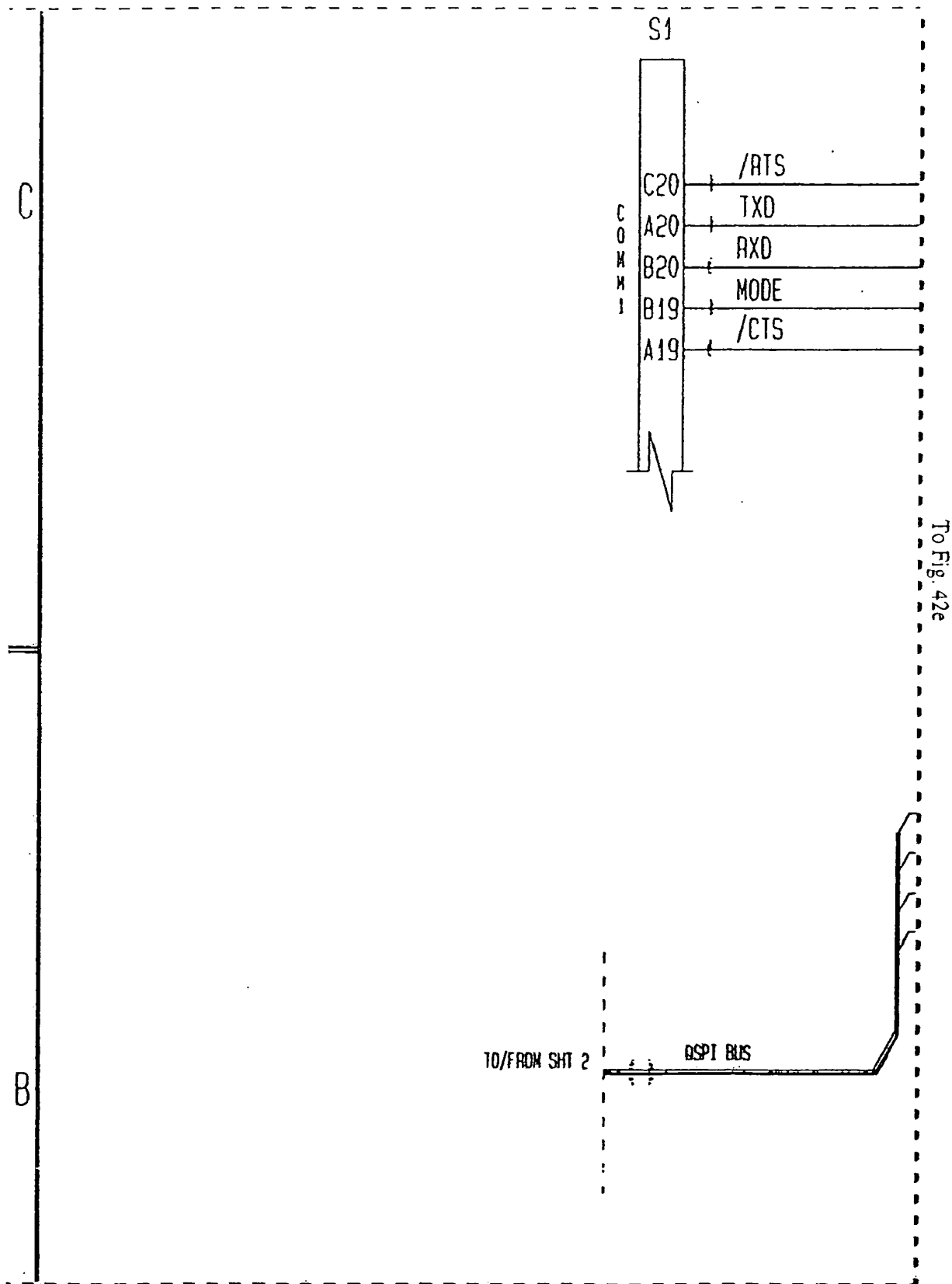


165 17 207



166 00 07

To Fig. 42a



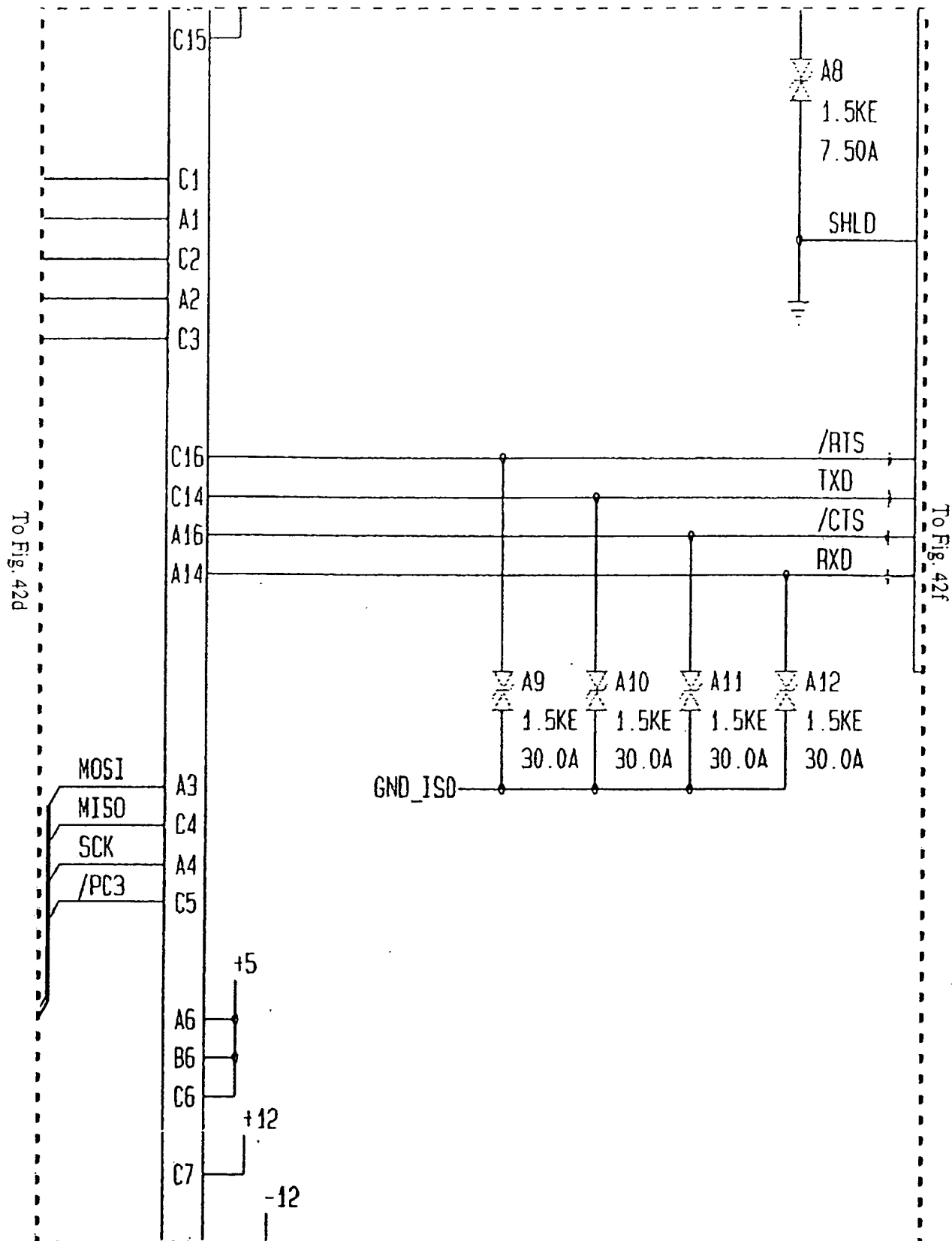
To Fig. 42e

To Fig. 42g

FIG. 42d

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To Fig. 42b

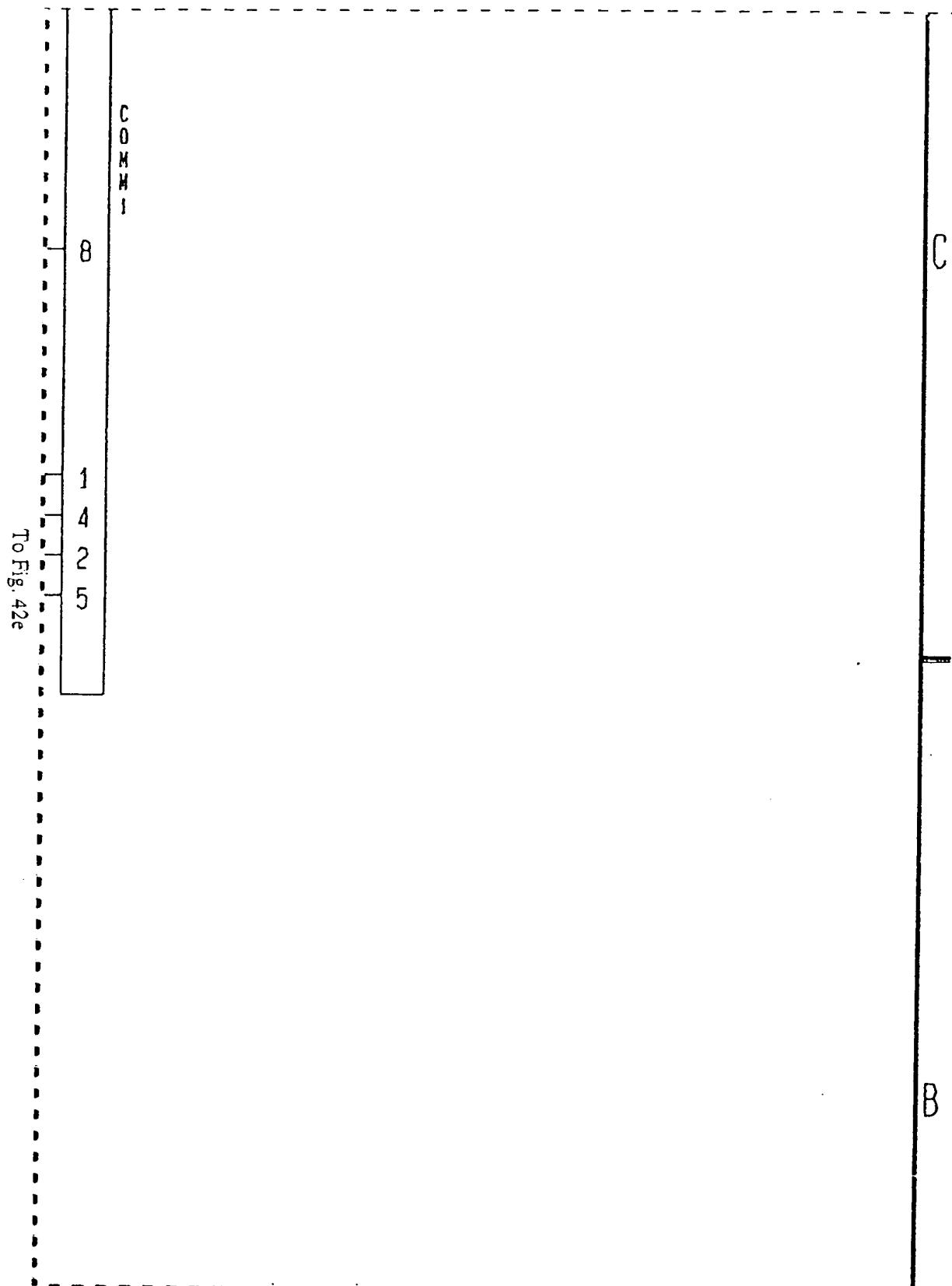


To Fig. 42h

FIG. 42e

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To Fig. 42c



To Fig. 42i

FIG. 42f

To Fig. 42d

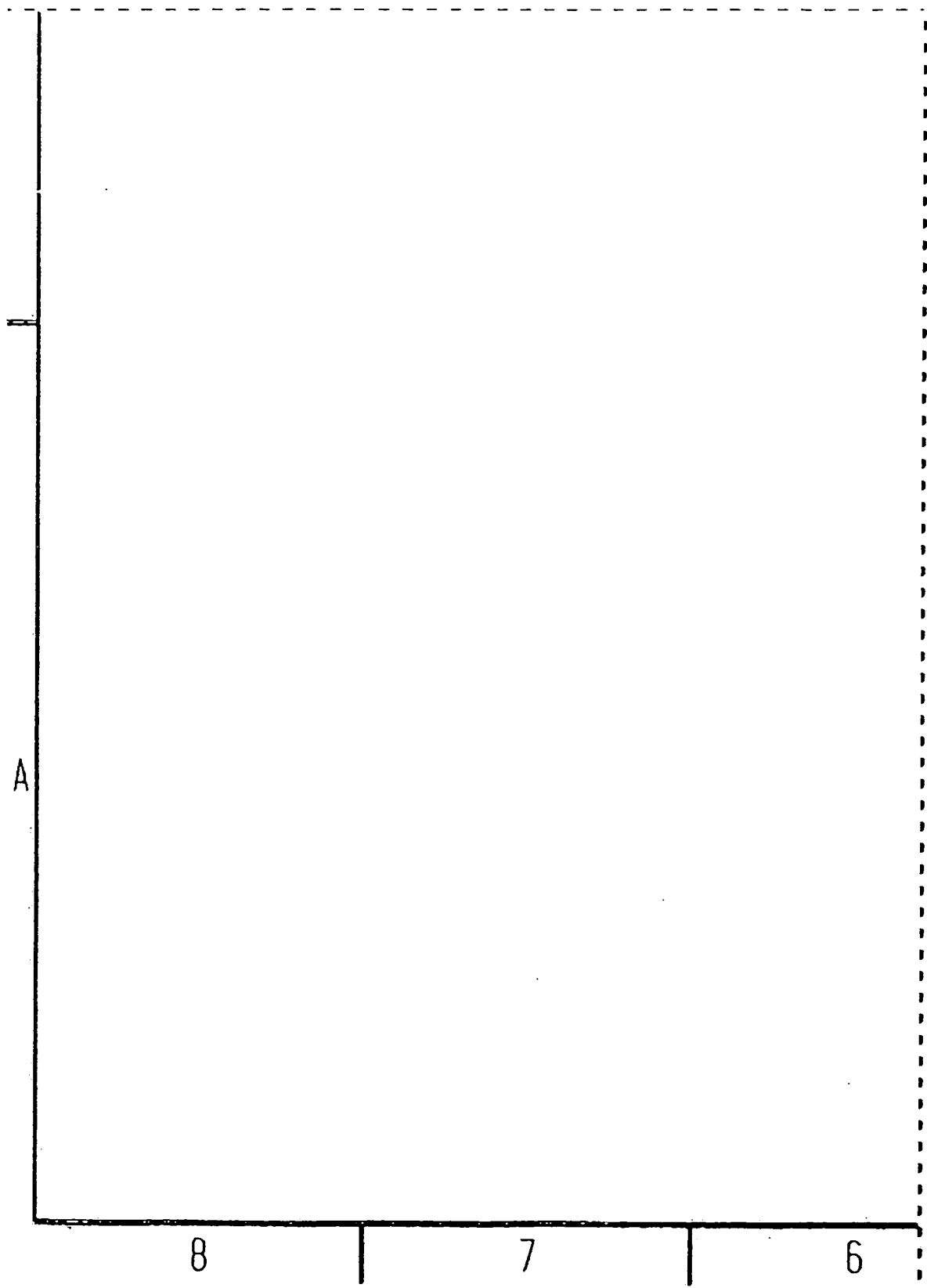
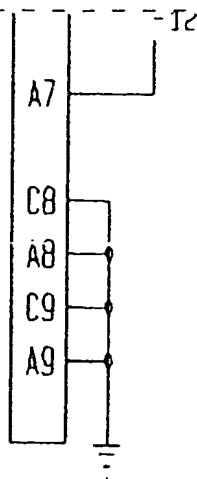


FIG. 42g

To Fig. 42e



To Fig. 42g

To Fig. 42i

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FIG. 42h

171 6207

To Fig. 42f

To Fig. 42h

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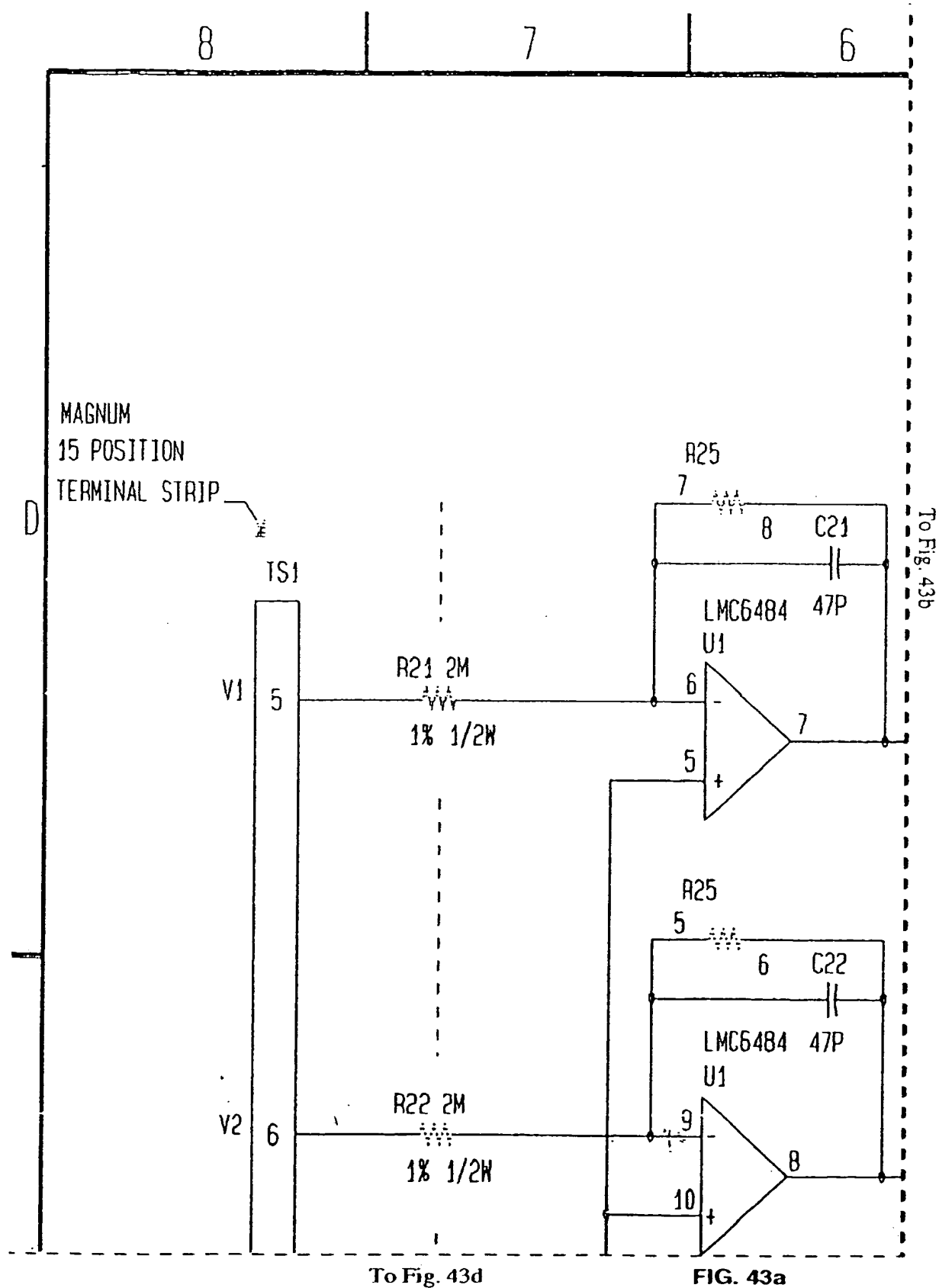
3

2

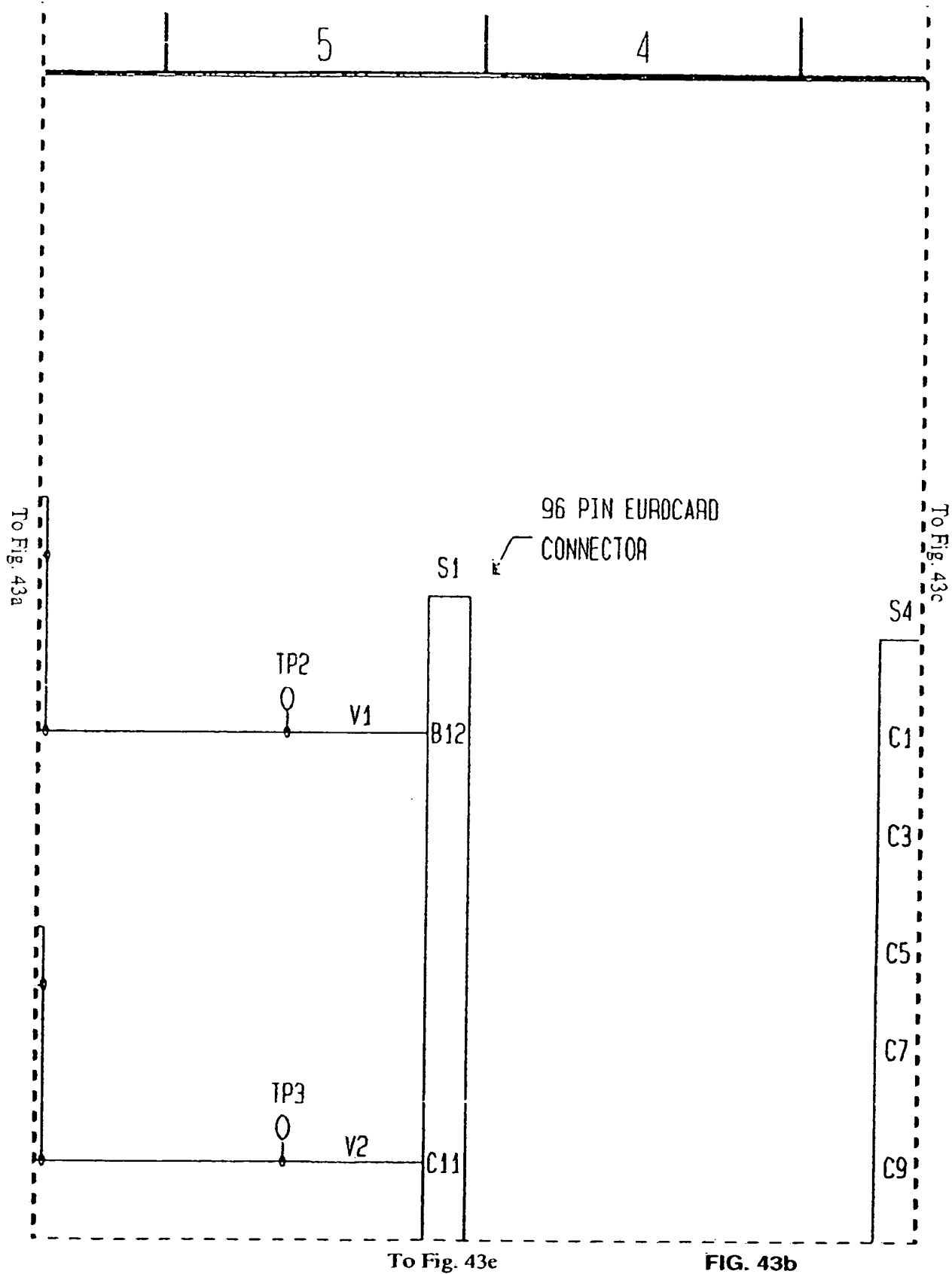
1

FIG. 42i

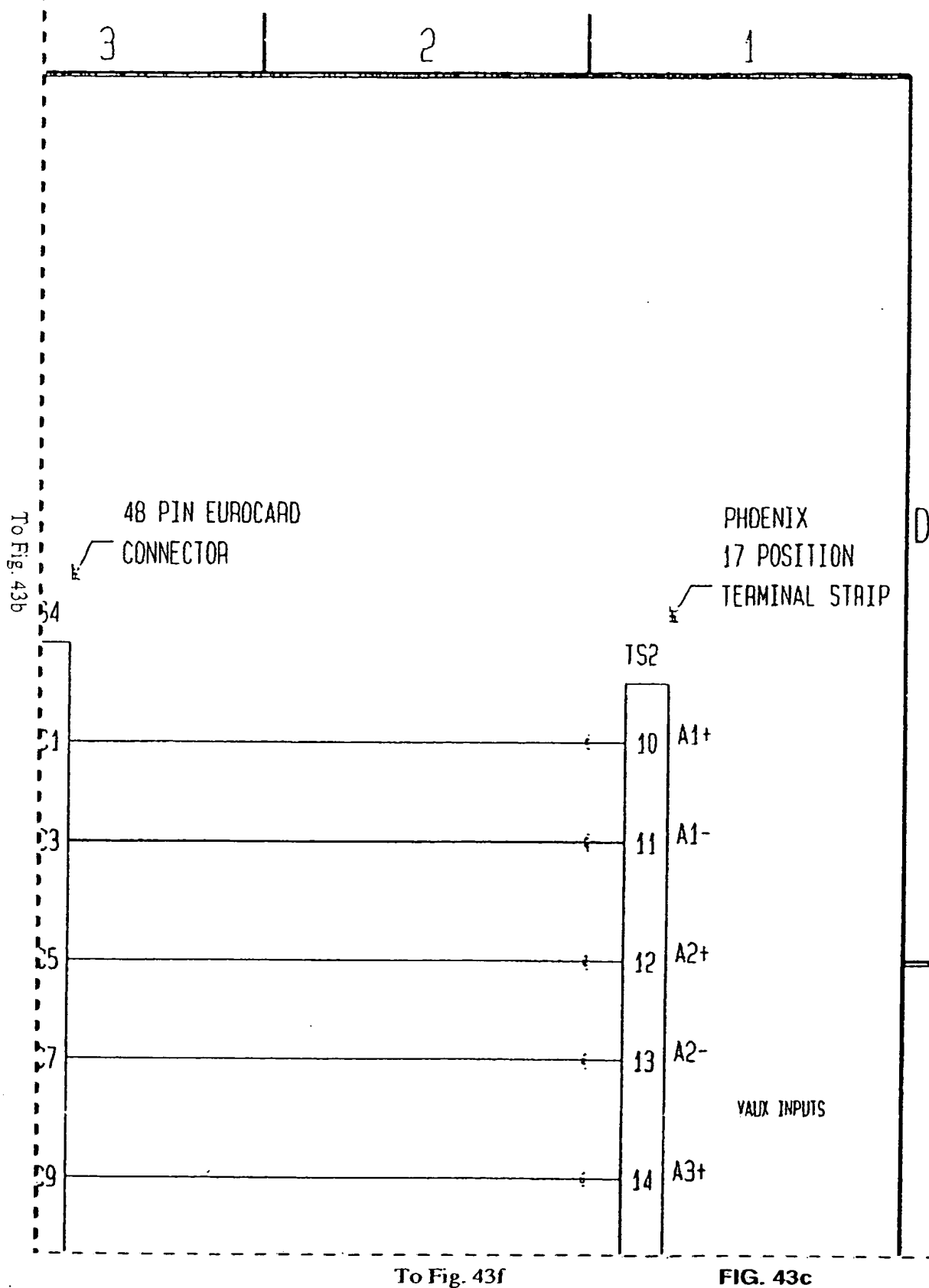
172 09 007



173 8 207

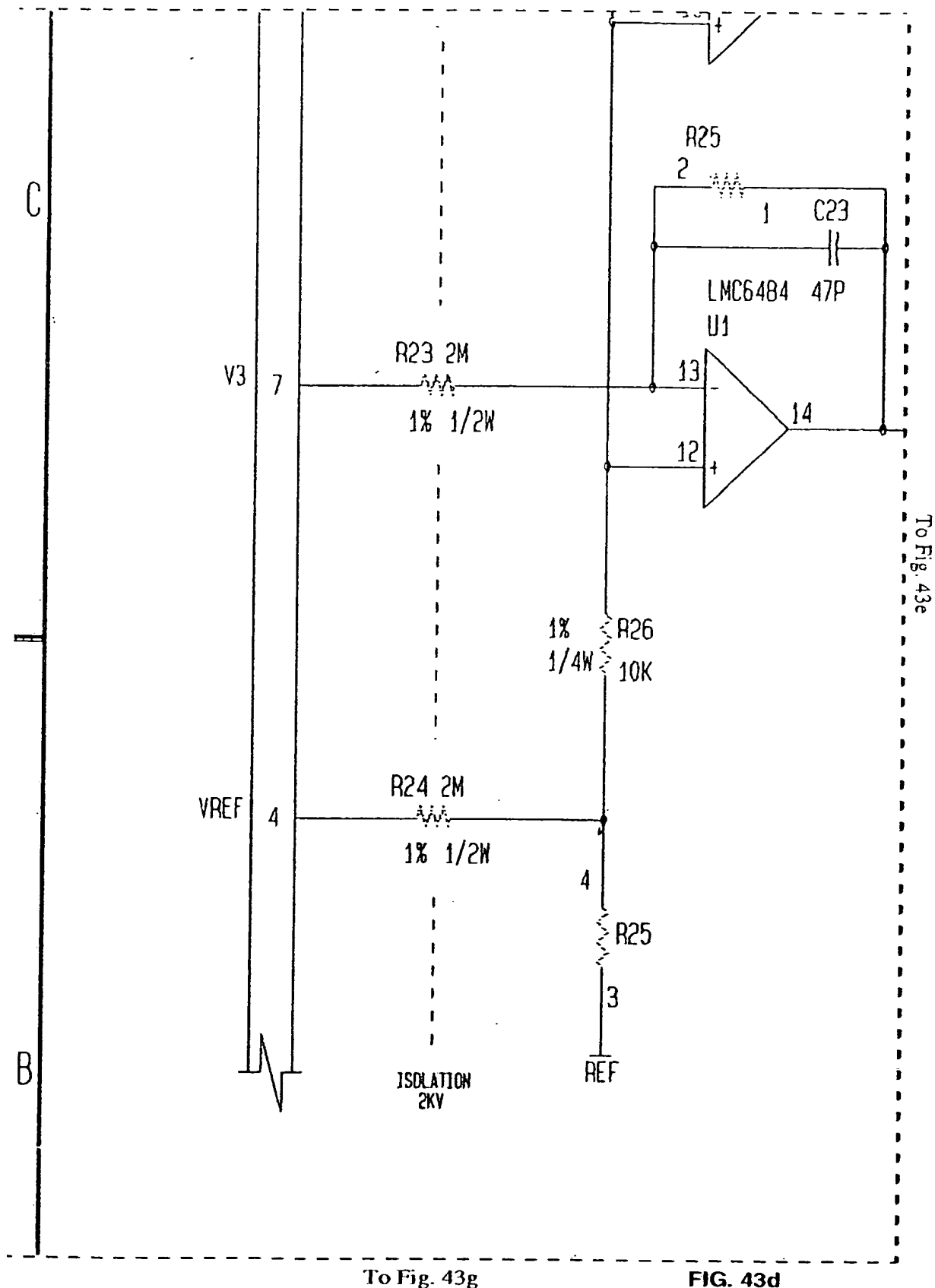


174 06 207



175 28 207

To Fig. 43a



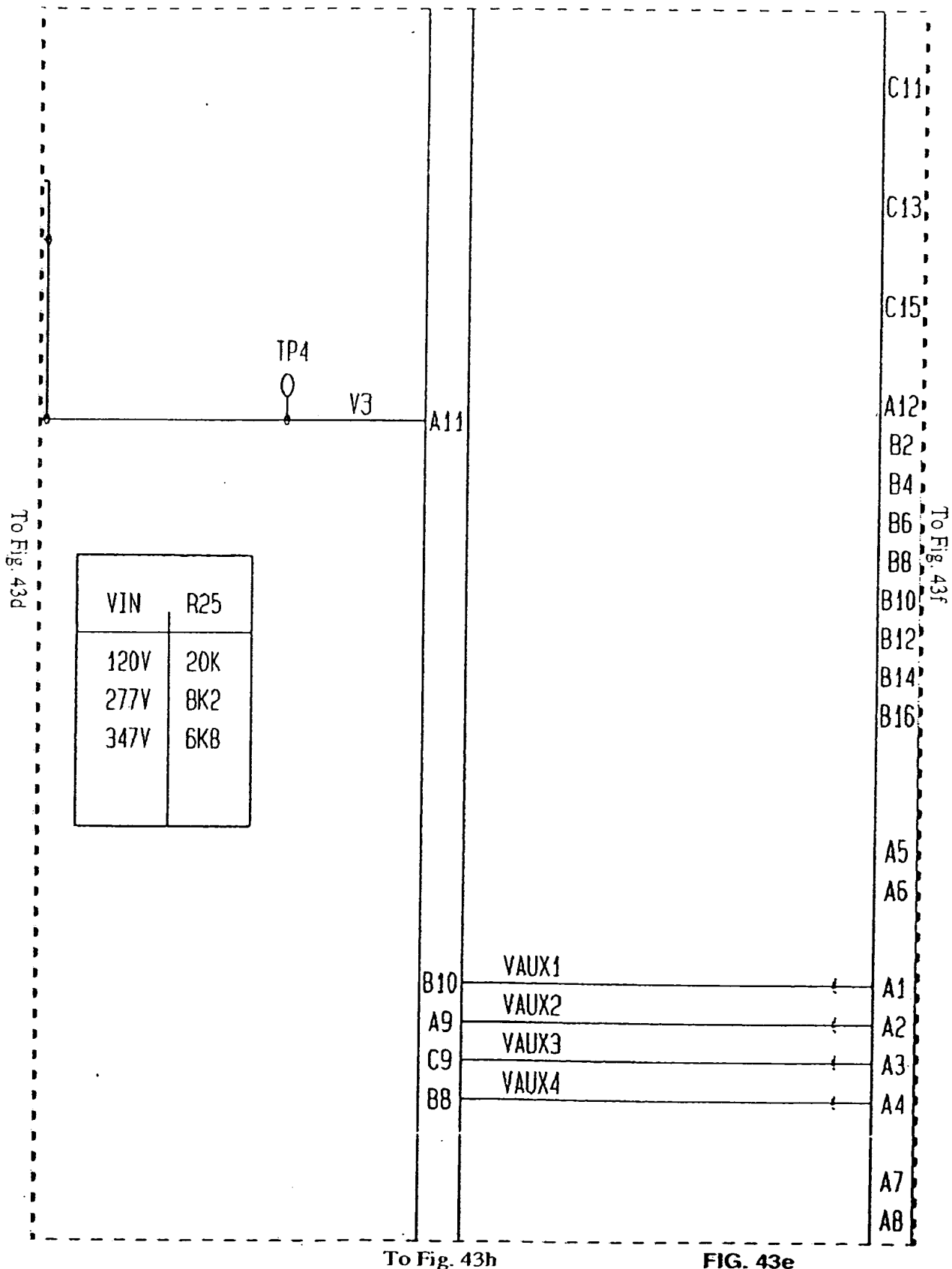
To Fig. 43e

To Fig. 43g

FIG. 43d

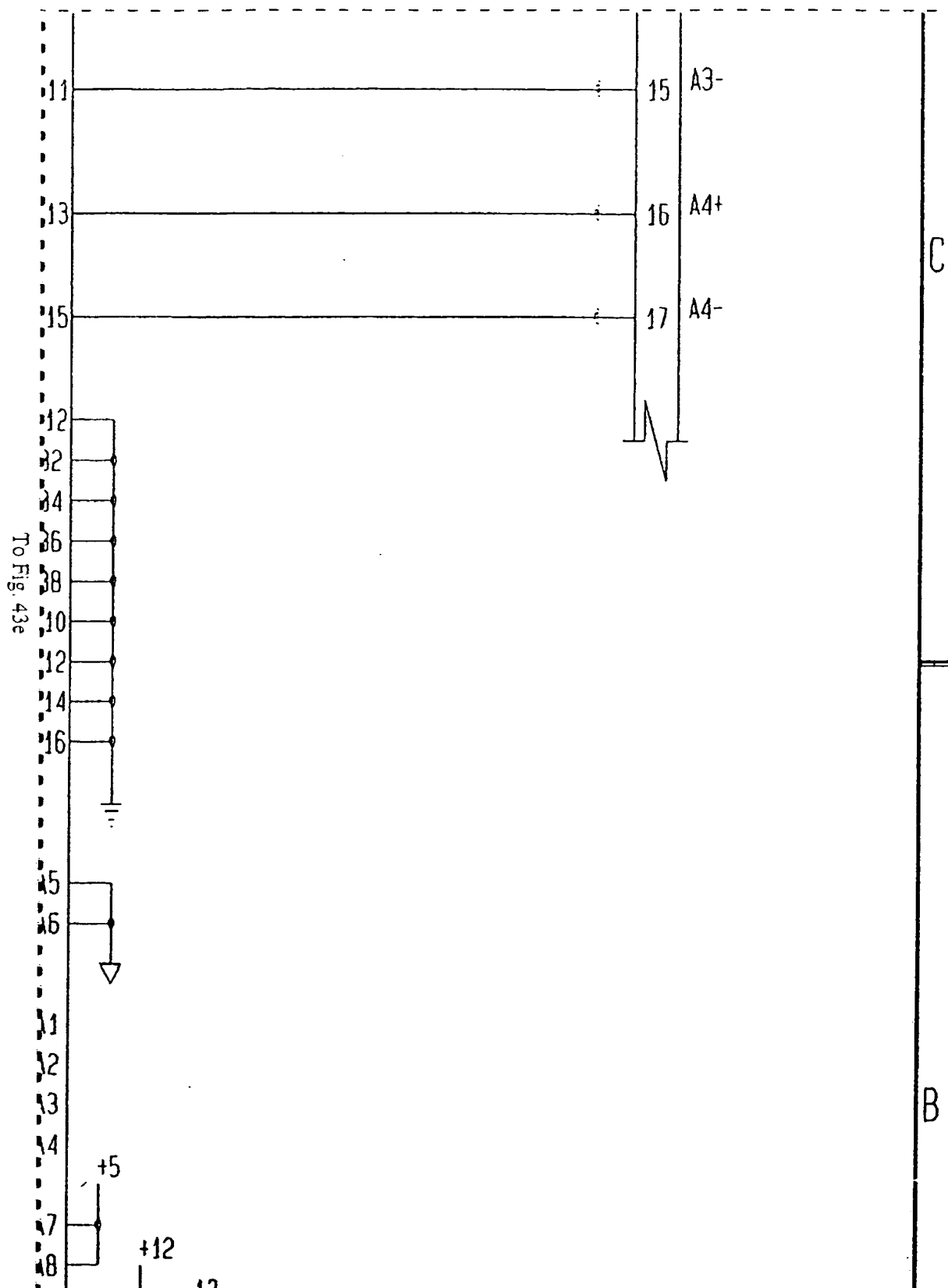
176 08 007

To Fig. 43b



177 ab 207

To Fig. 43c



To Fig. 43i

FIG. 43f

178 06 807

To Fig. 43d

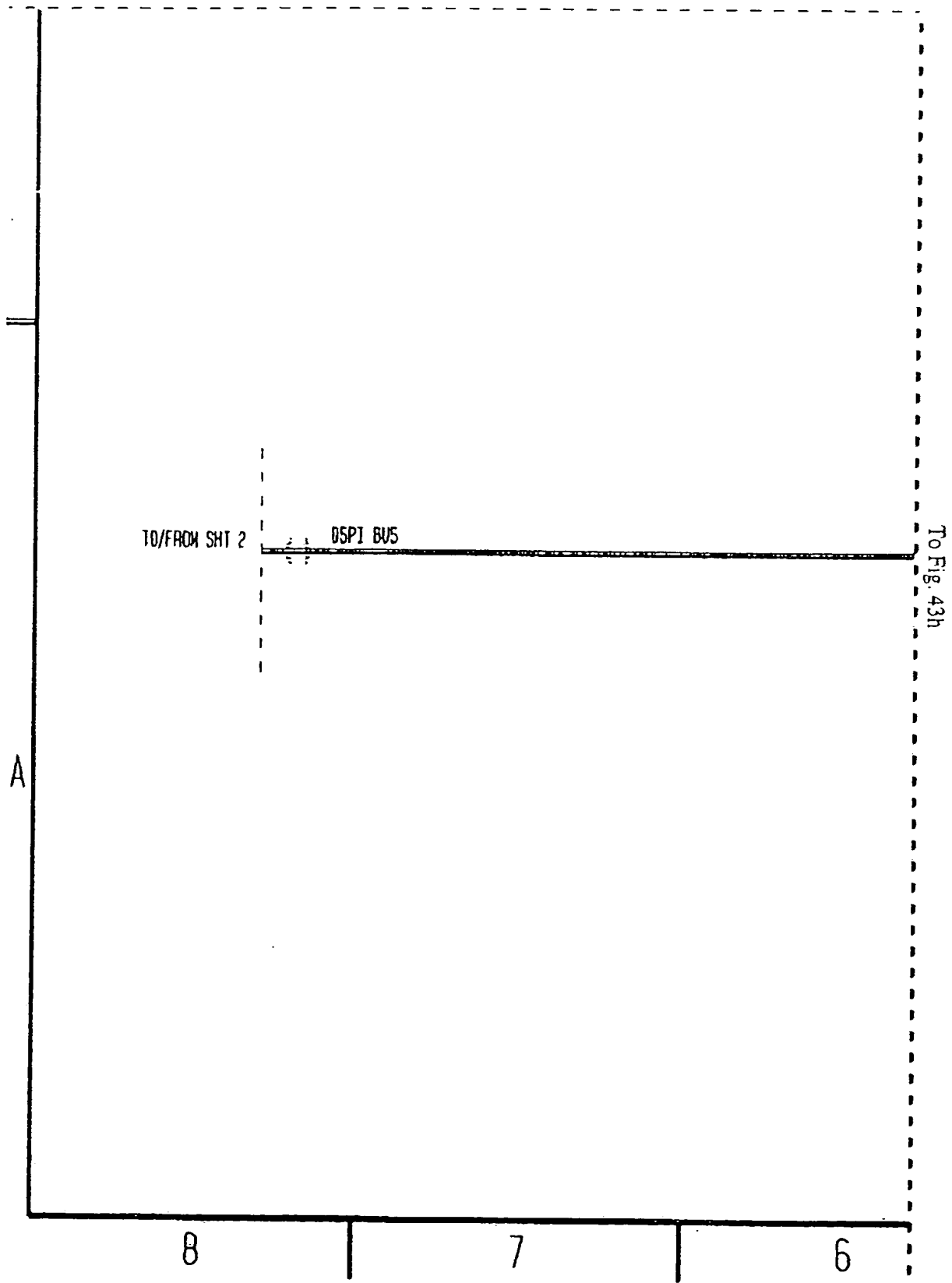
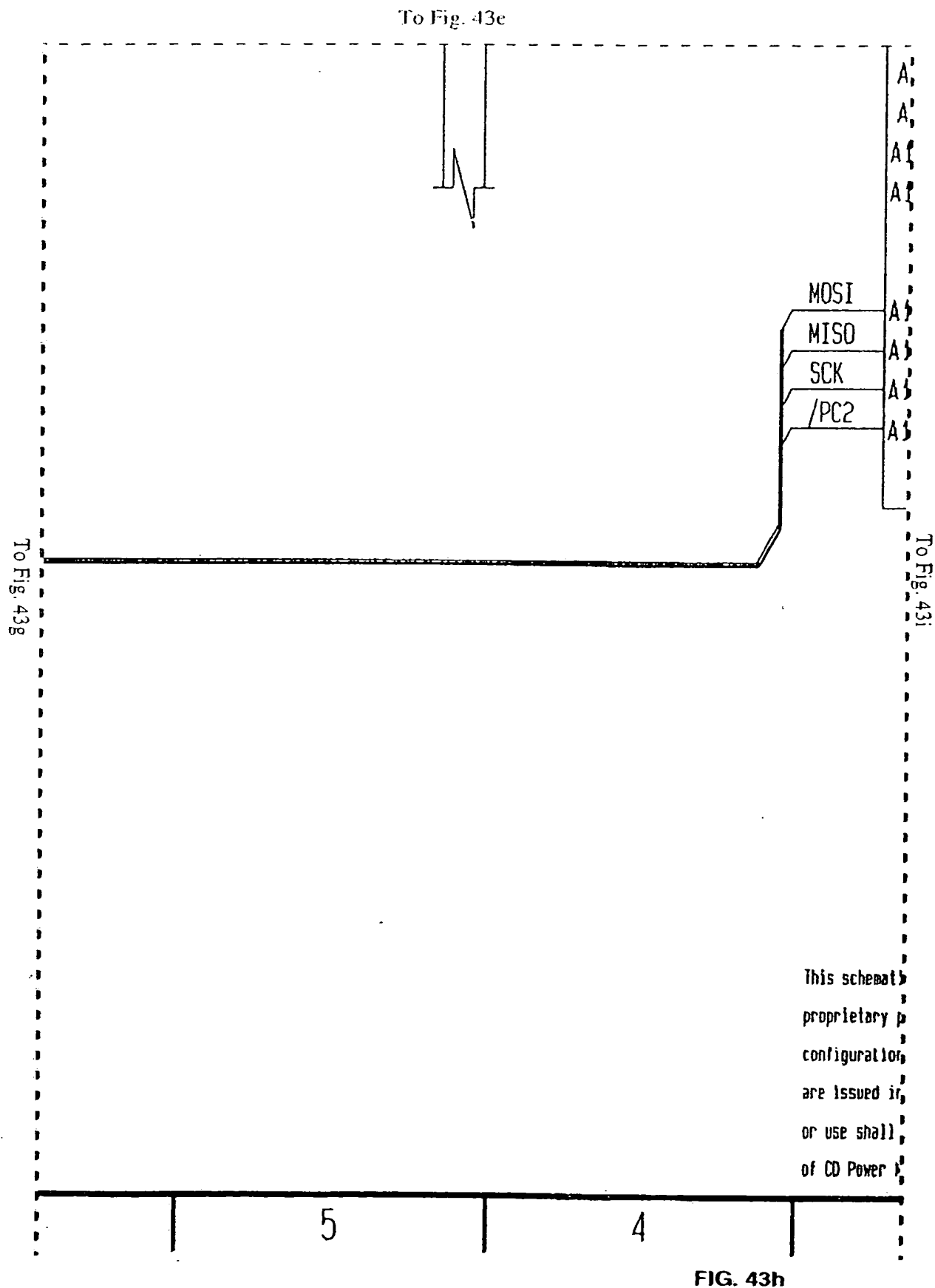


FIG. 43g

179 08 207



180 08 207

To Fig. 43f

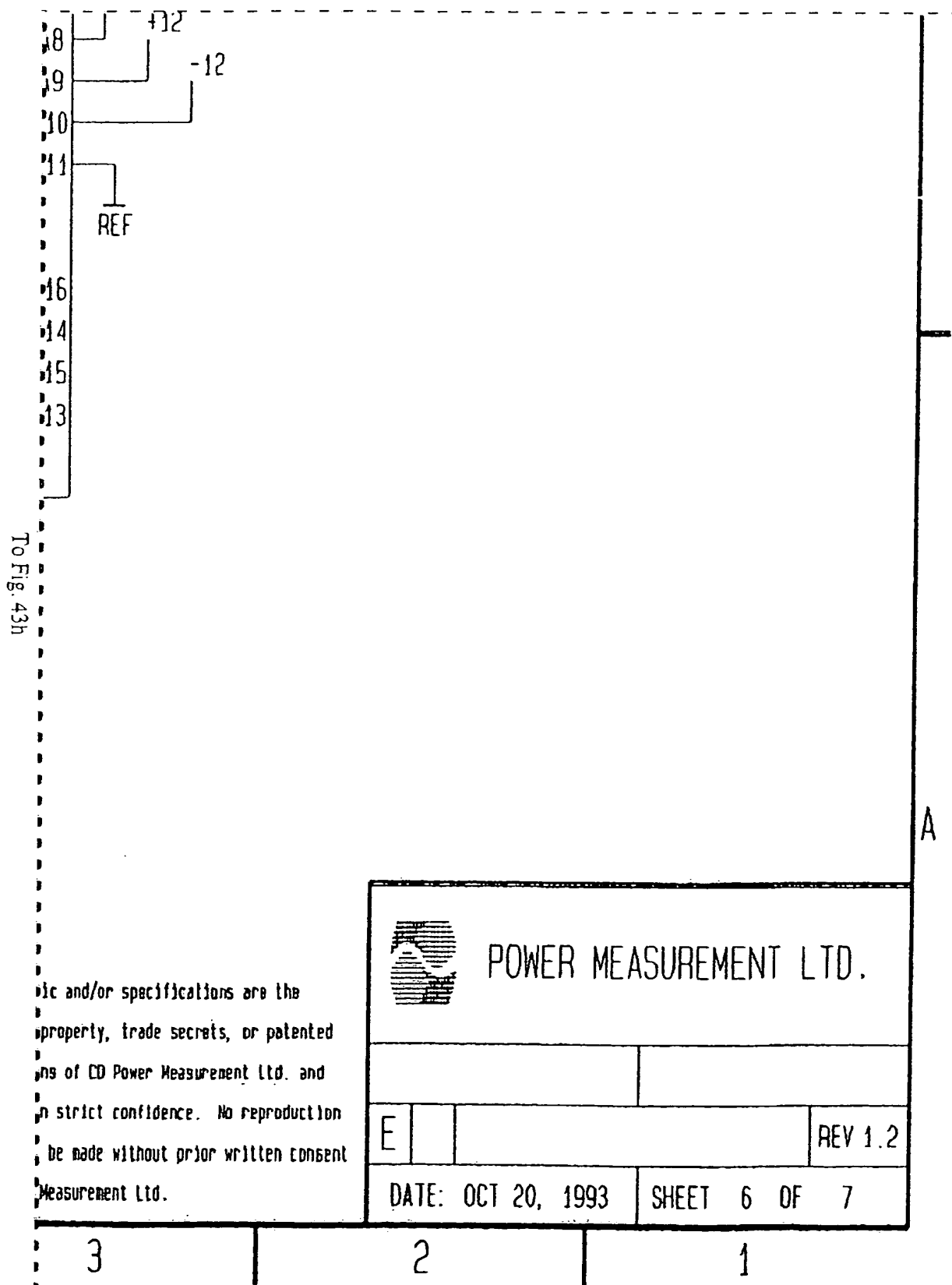
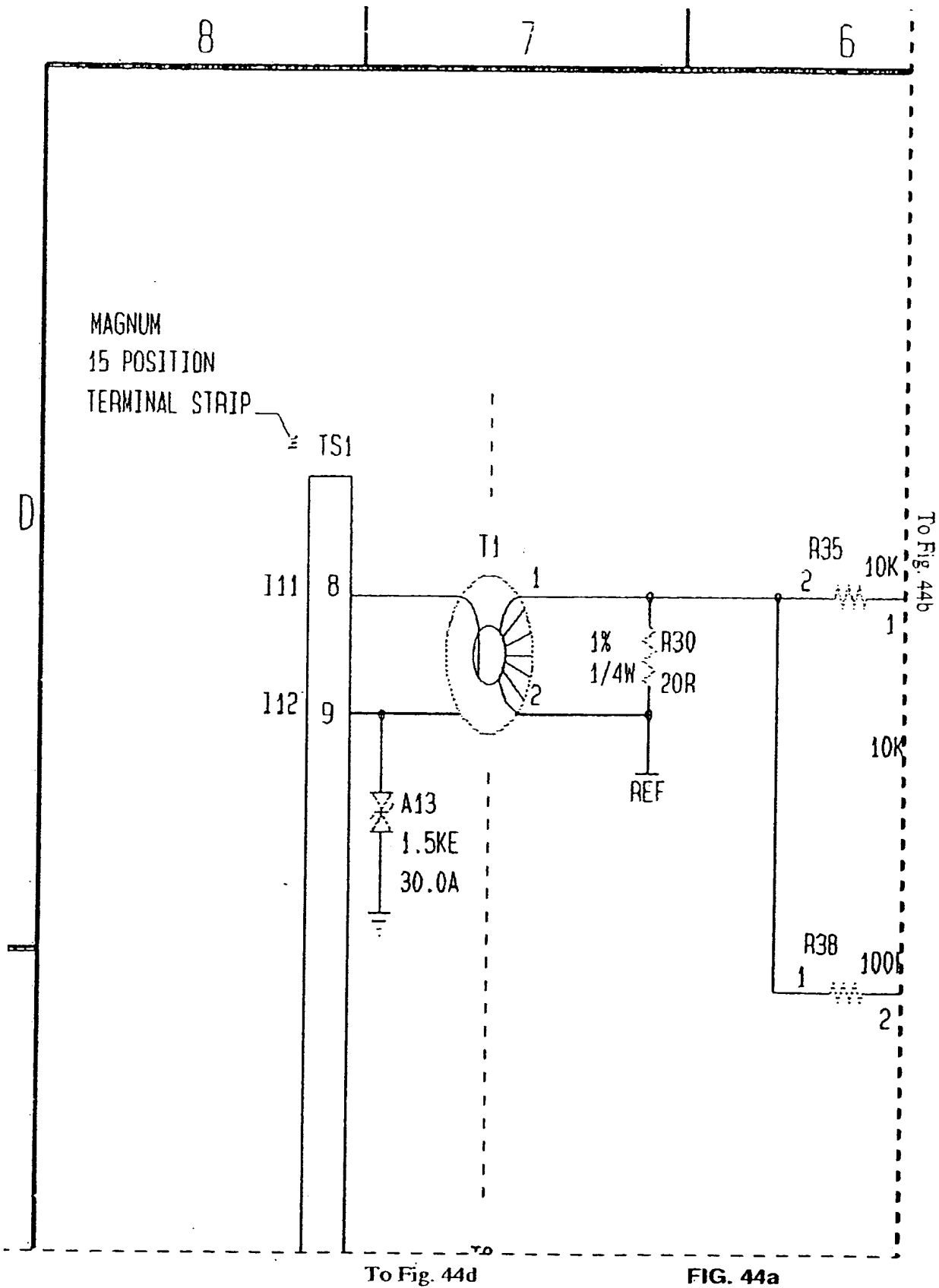
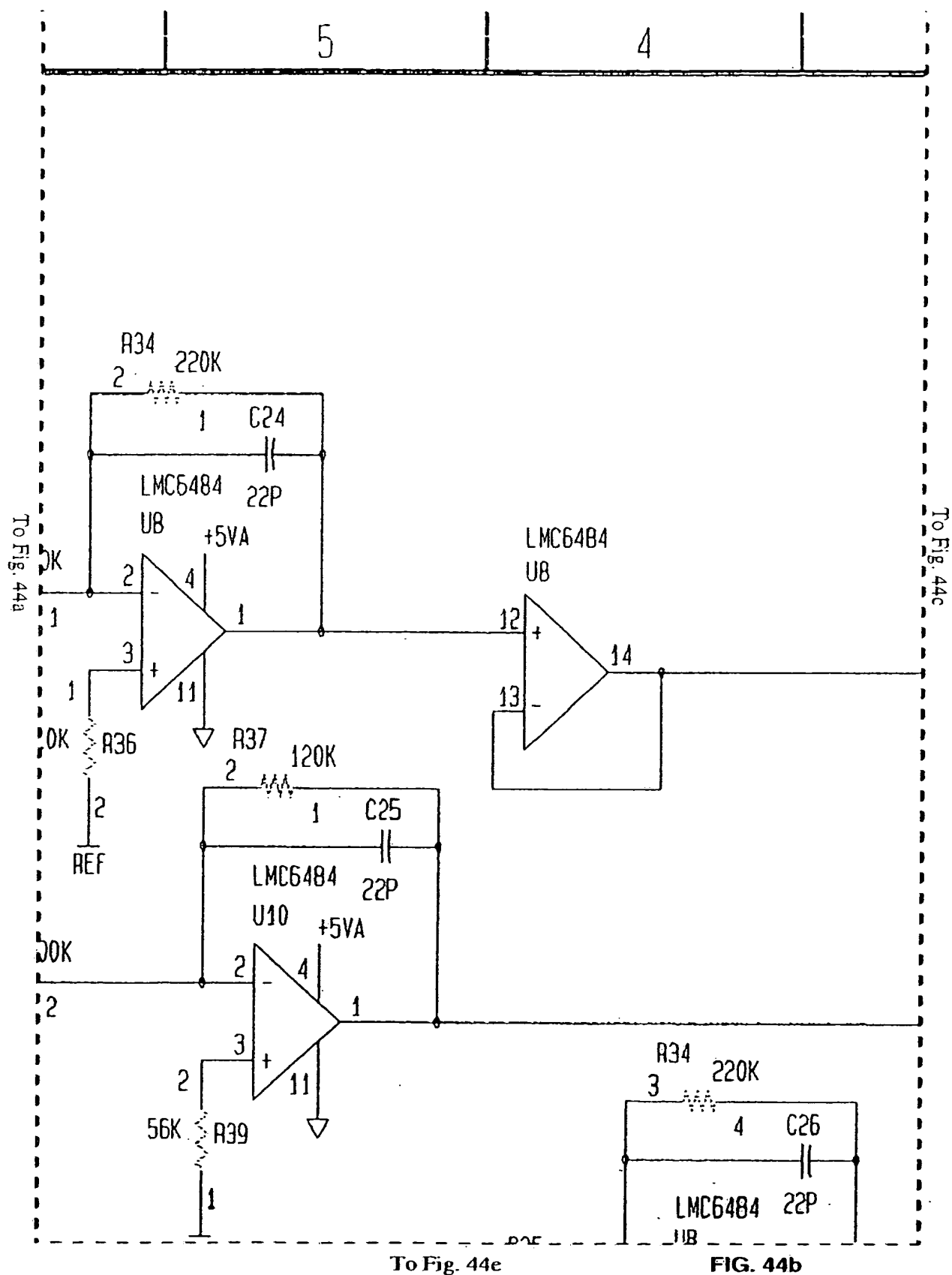


FIG. 43i



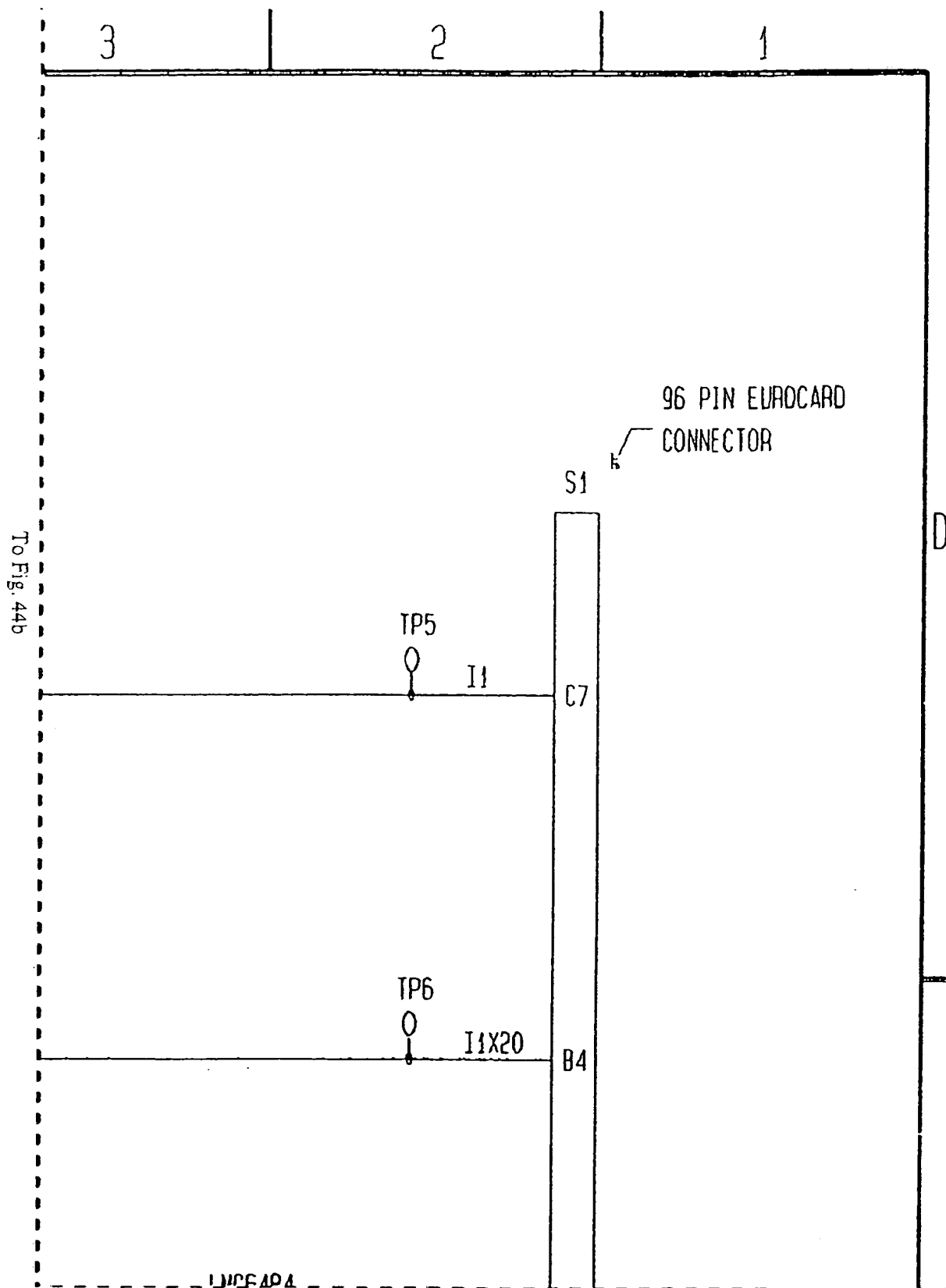
182 06 207



To Fig. 44e

FIG. 44b

183 07 207

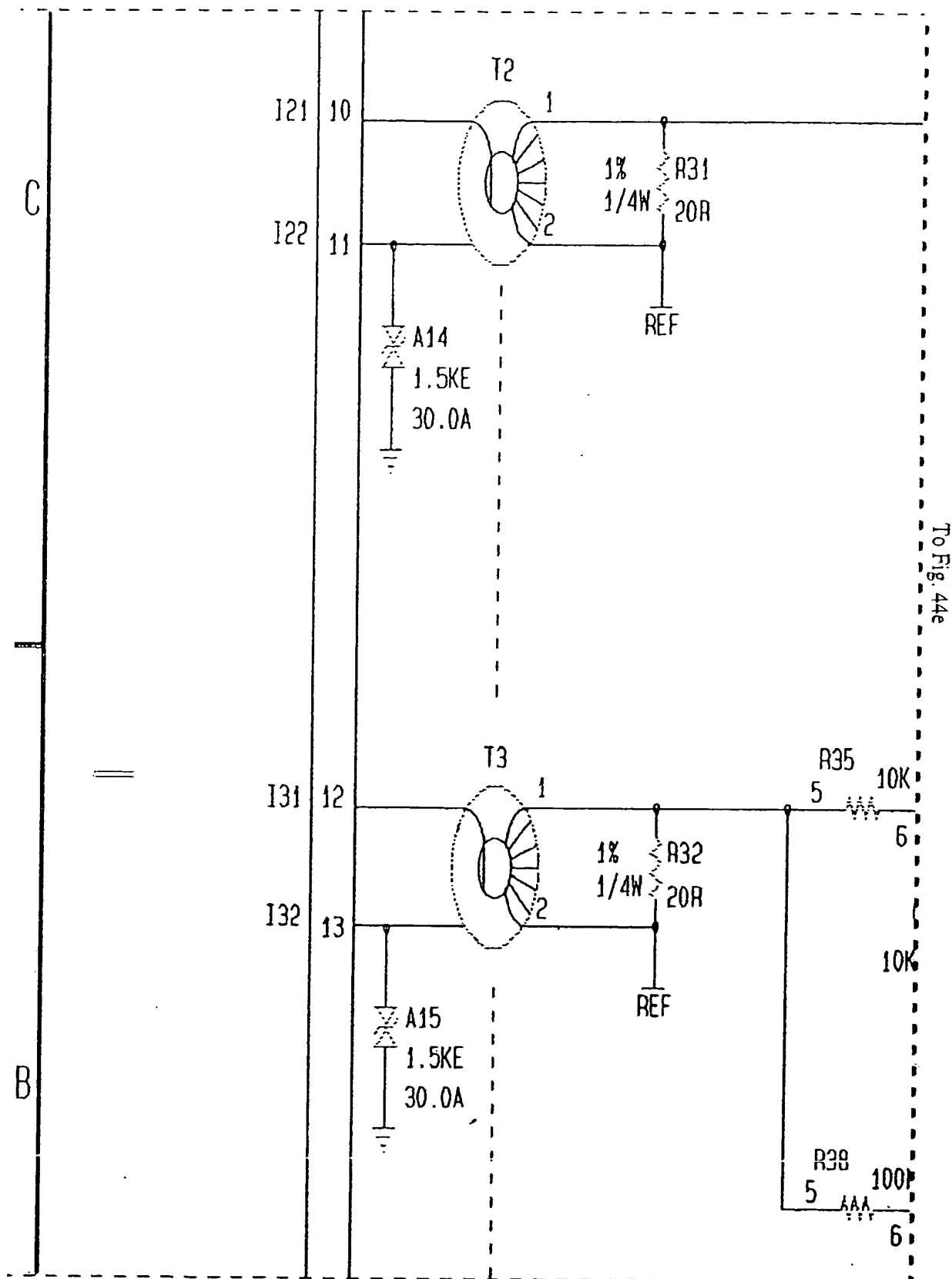


To Fig. 44f

FIG. 44c

184 06 207

To Fig. 44a

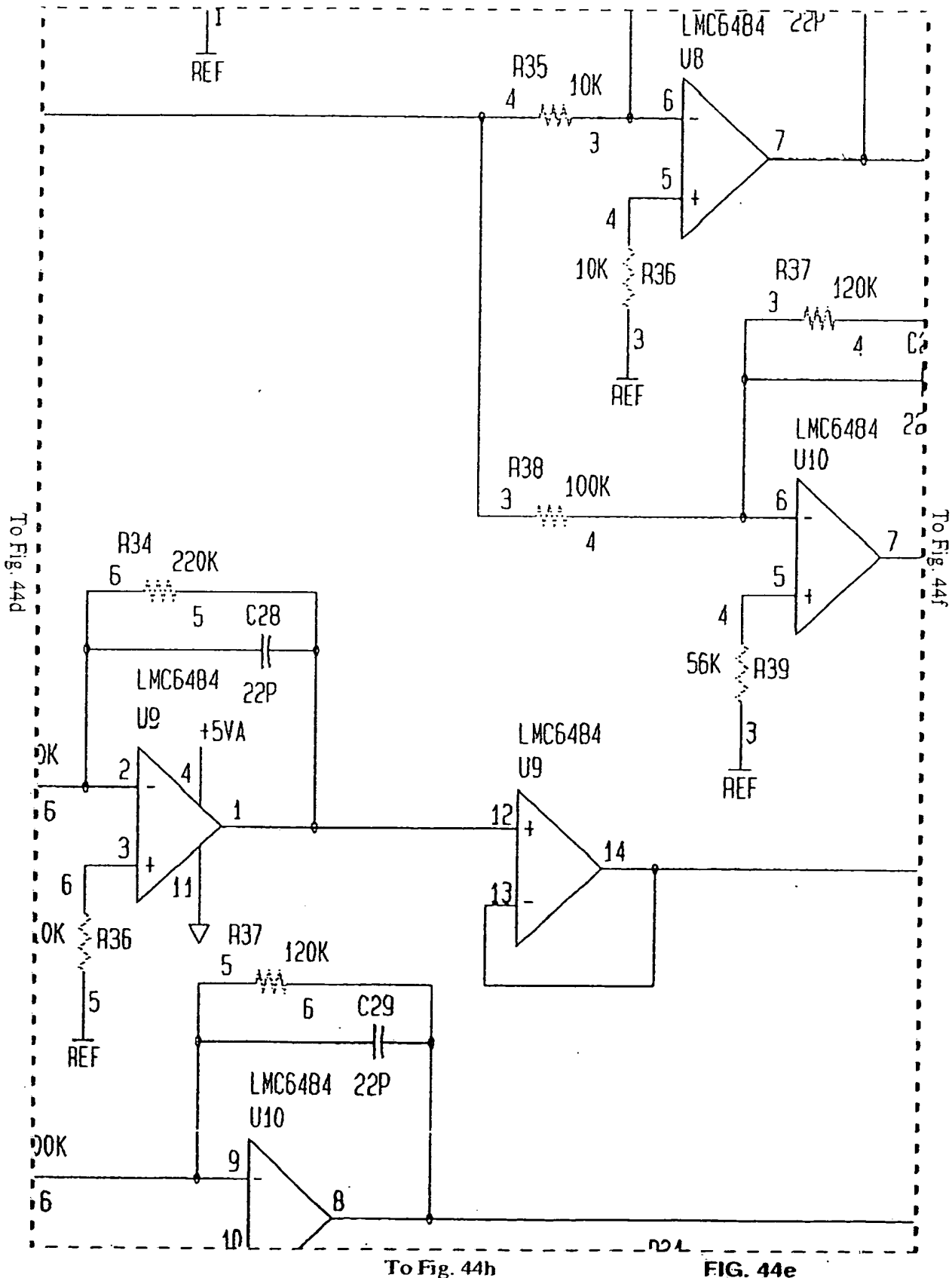


To Fig. 44g

FIG. 44d

185 00 207

To Fig. 44b

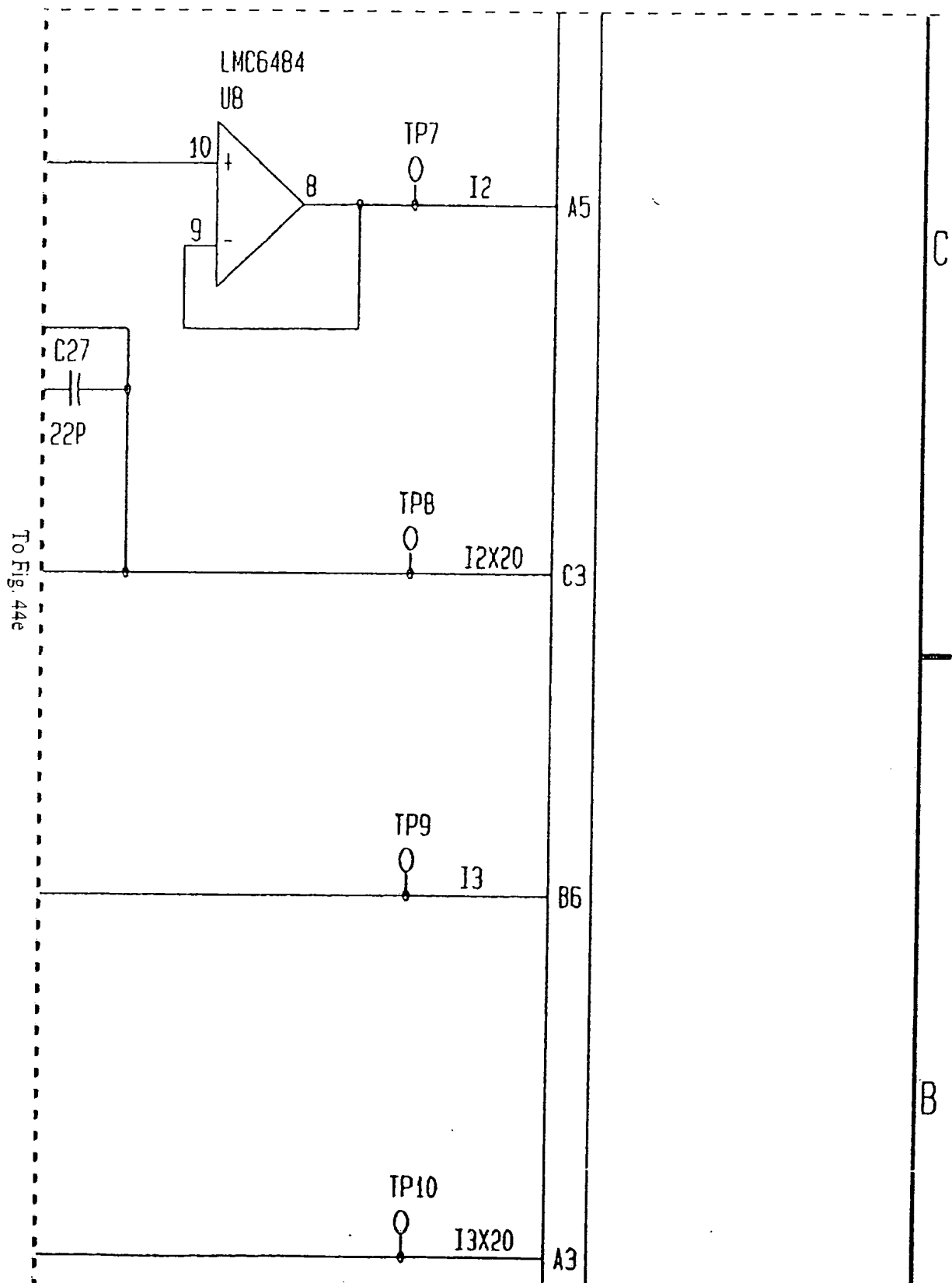


To Fig. 44h

FIG. 44e

186 06 207

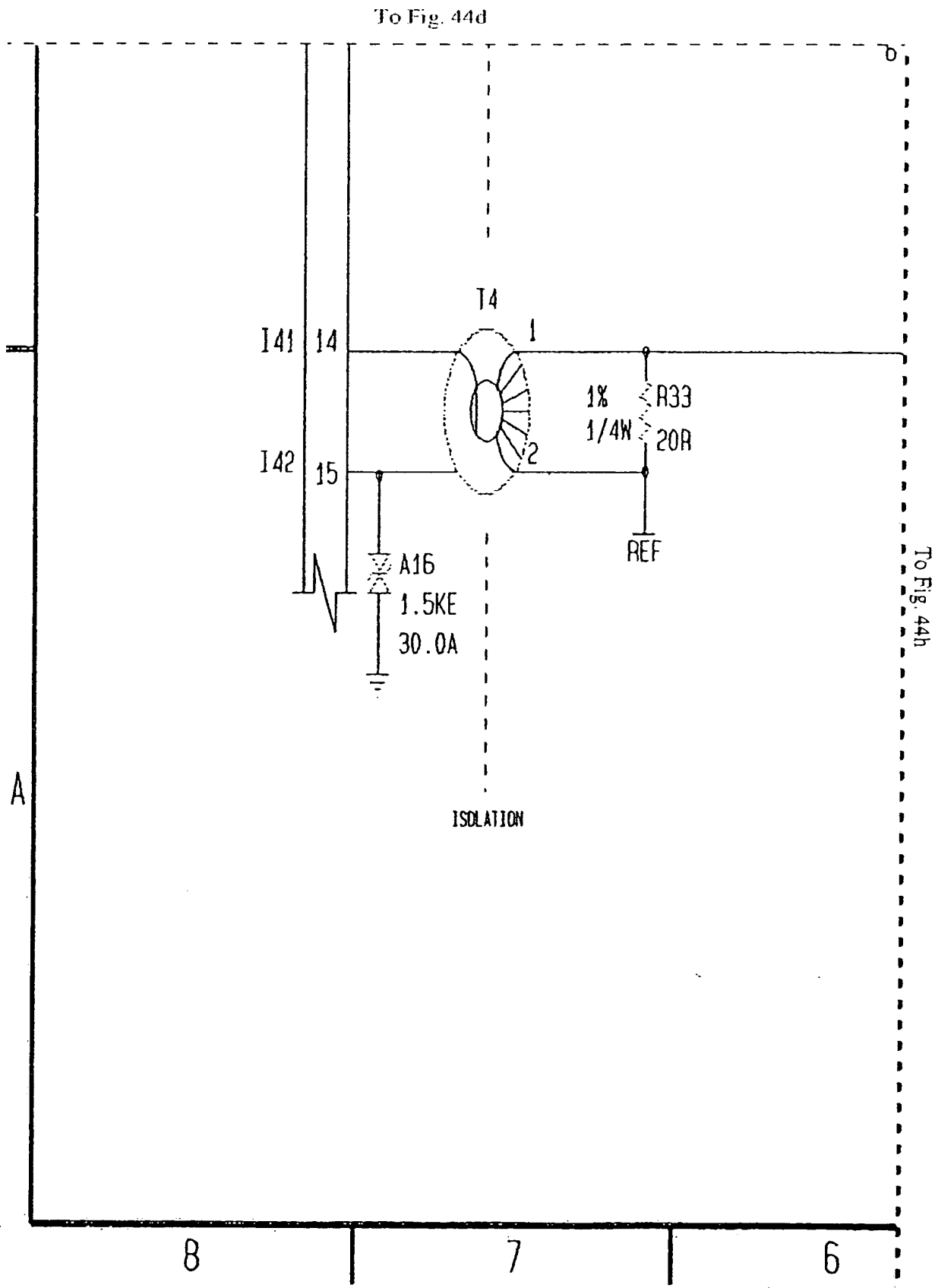
To Fig. 44c

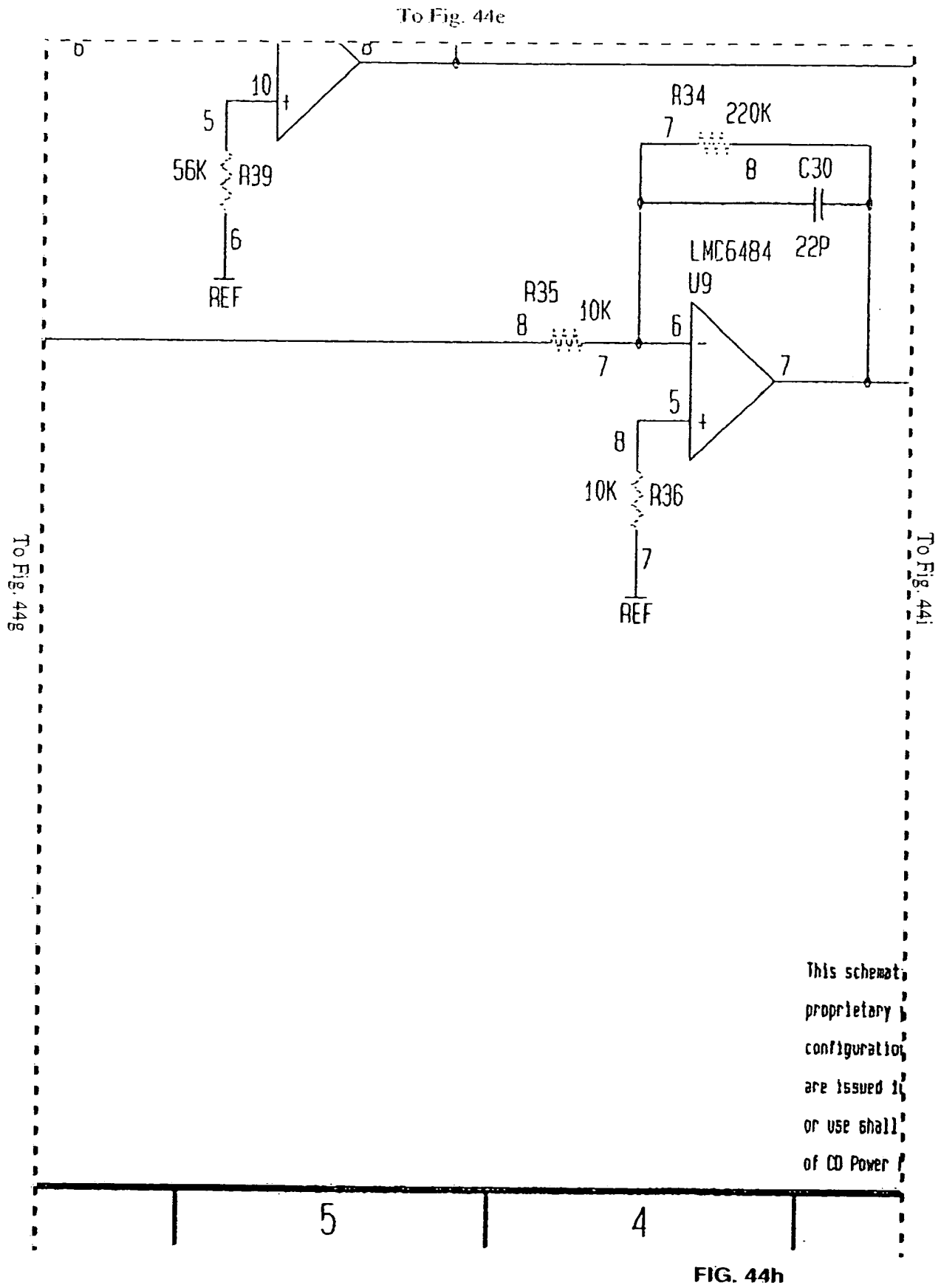


To Fig. 44i

FIG. 44f

187 08 207





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To Fig. 44f

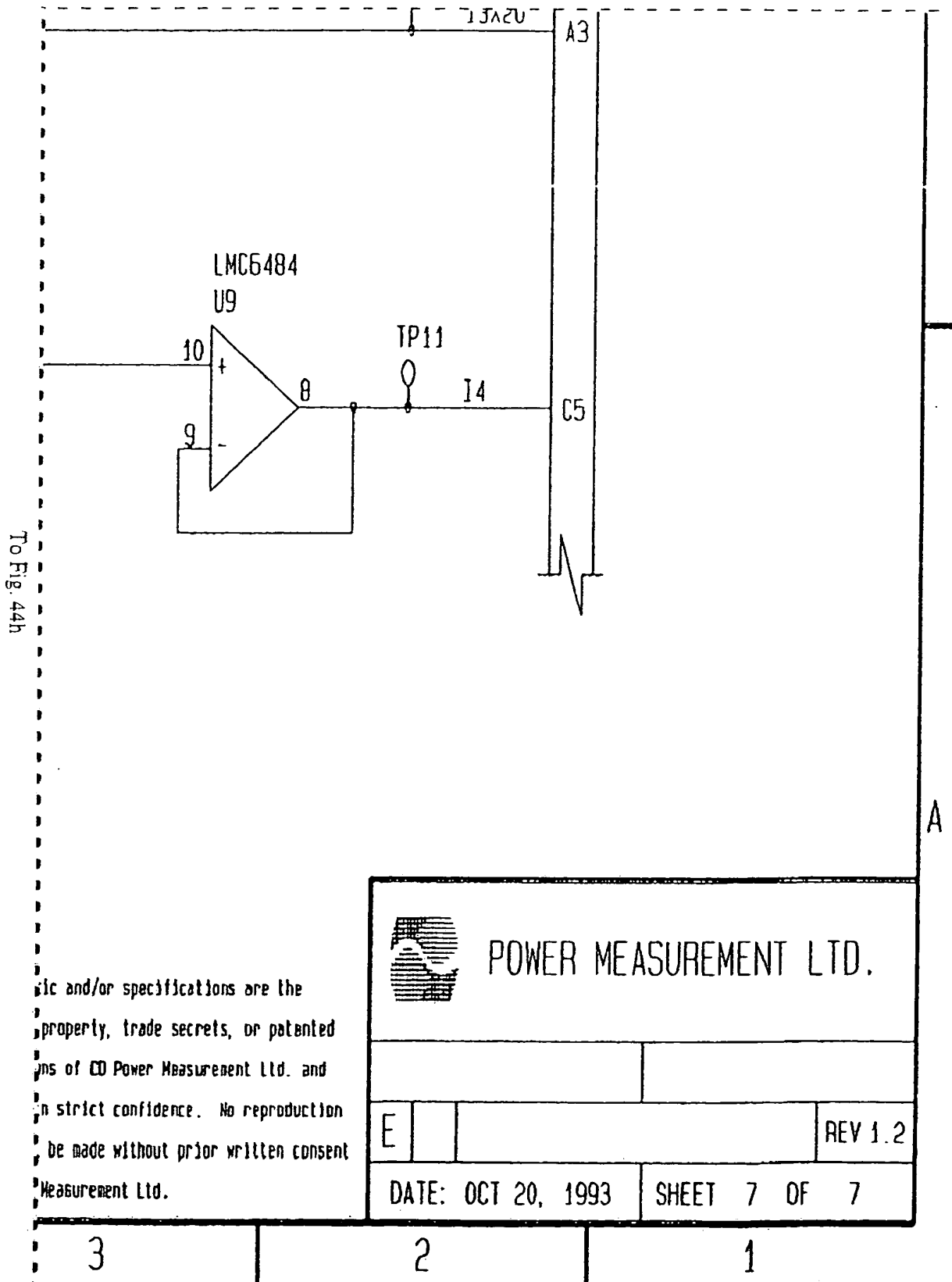
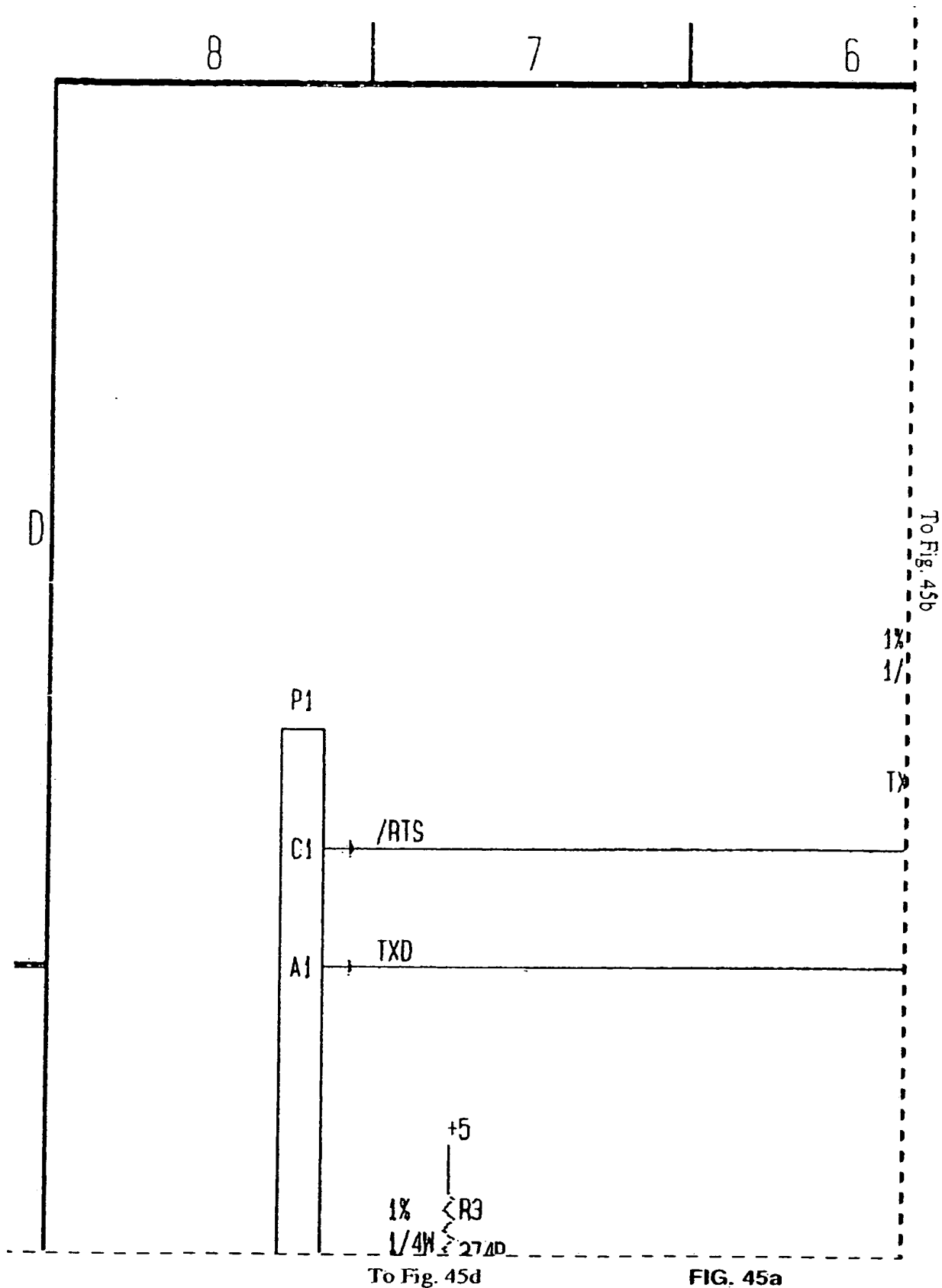


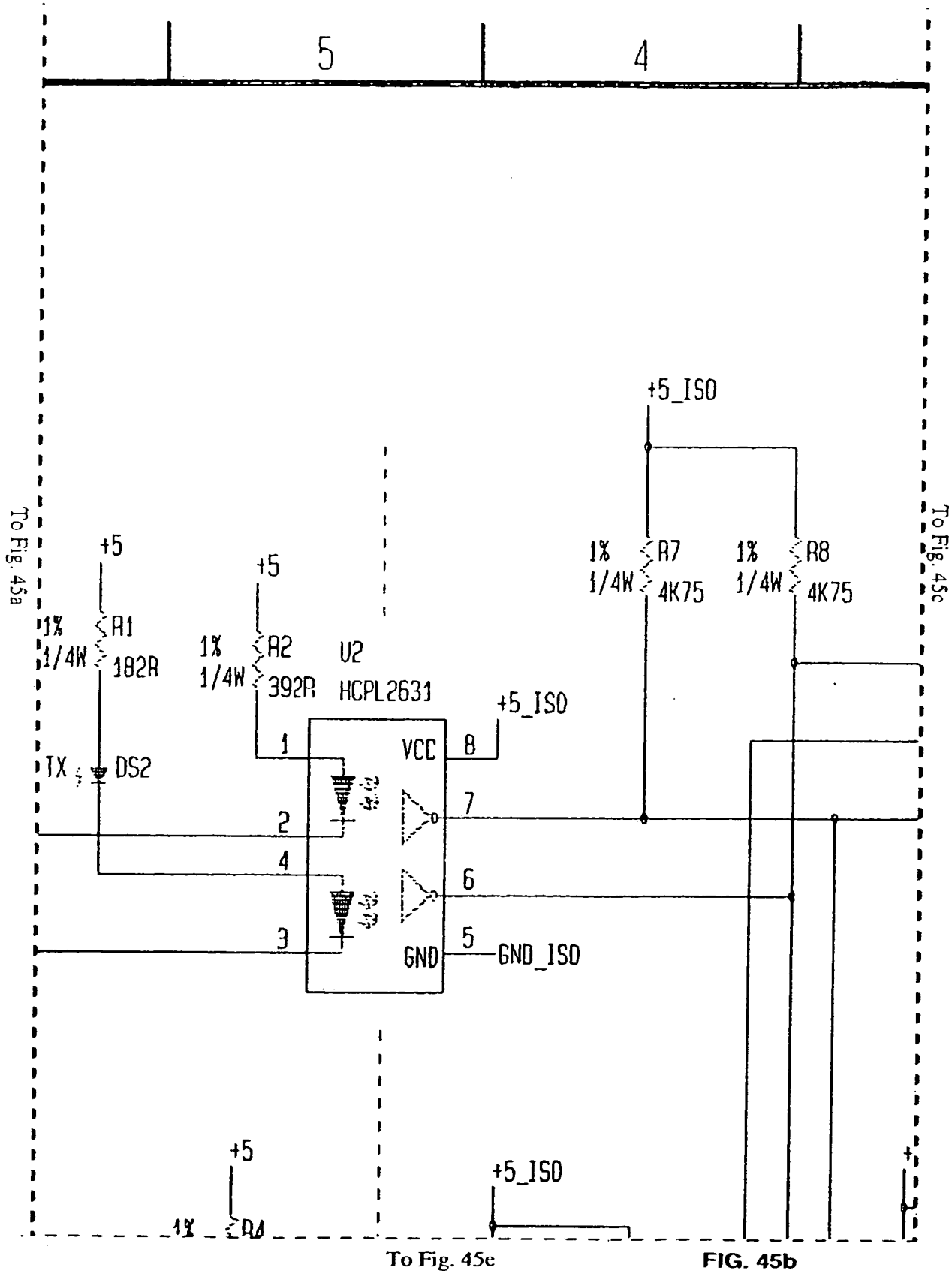
FIG. 44i

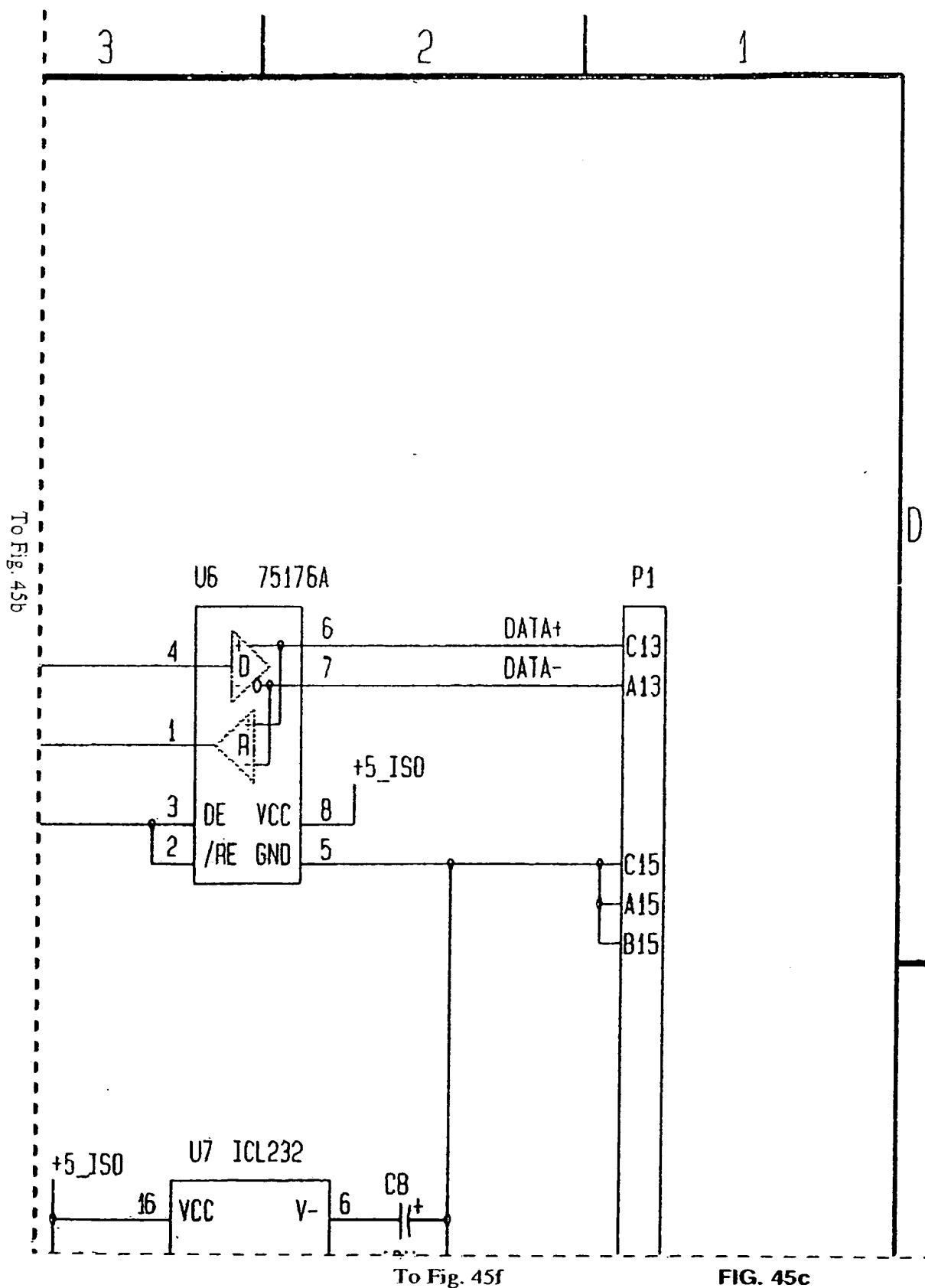
190 67 207



To Fig. 45d

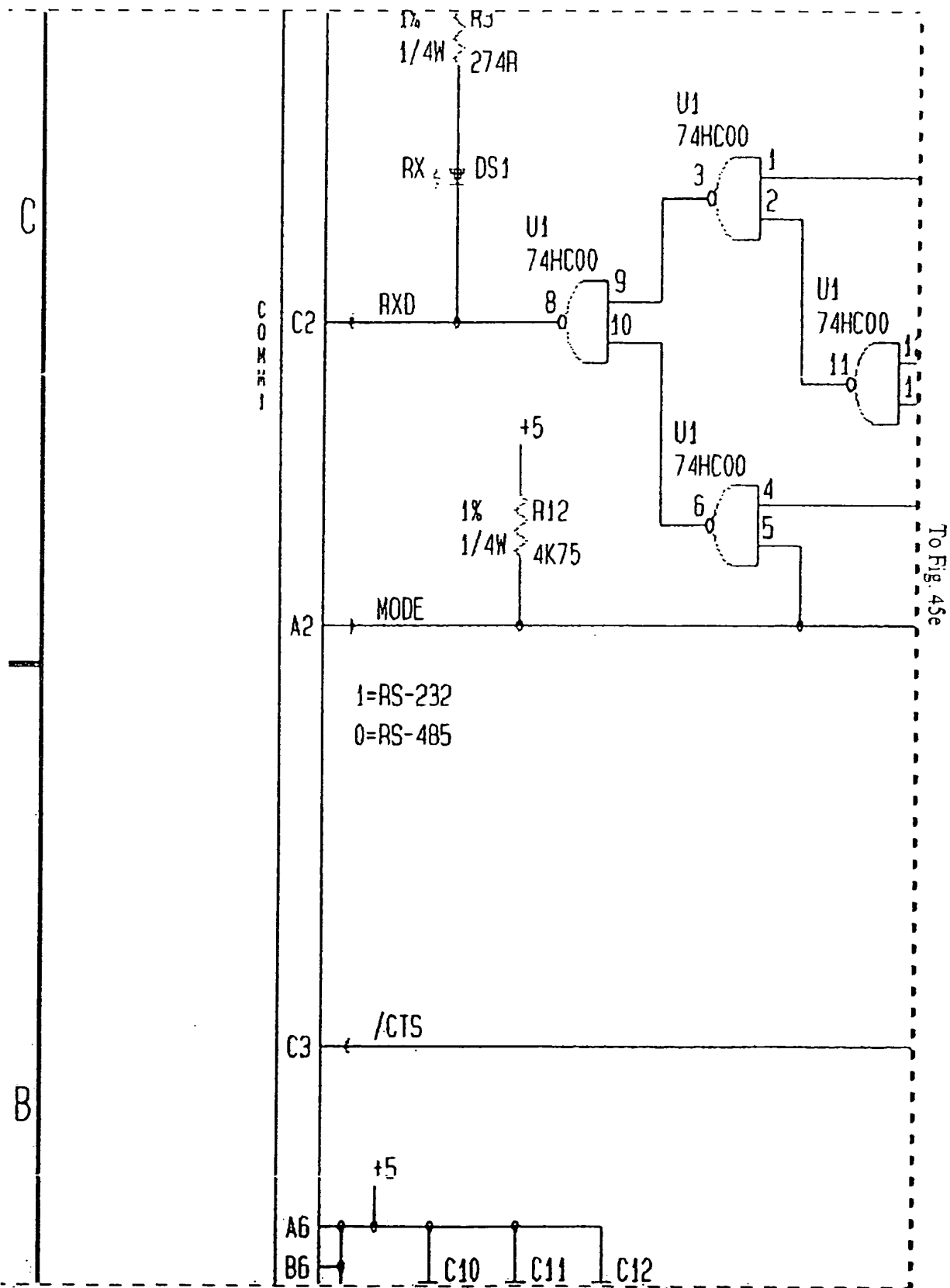
FIG. 45a





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To Fig. 45a



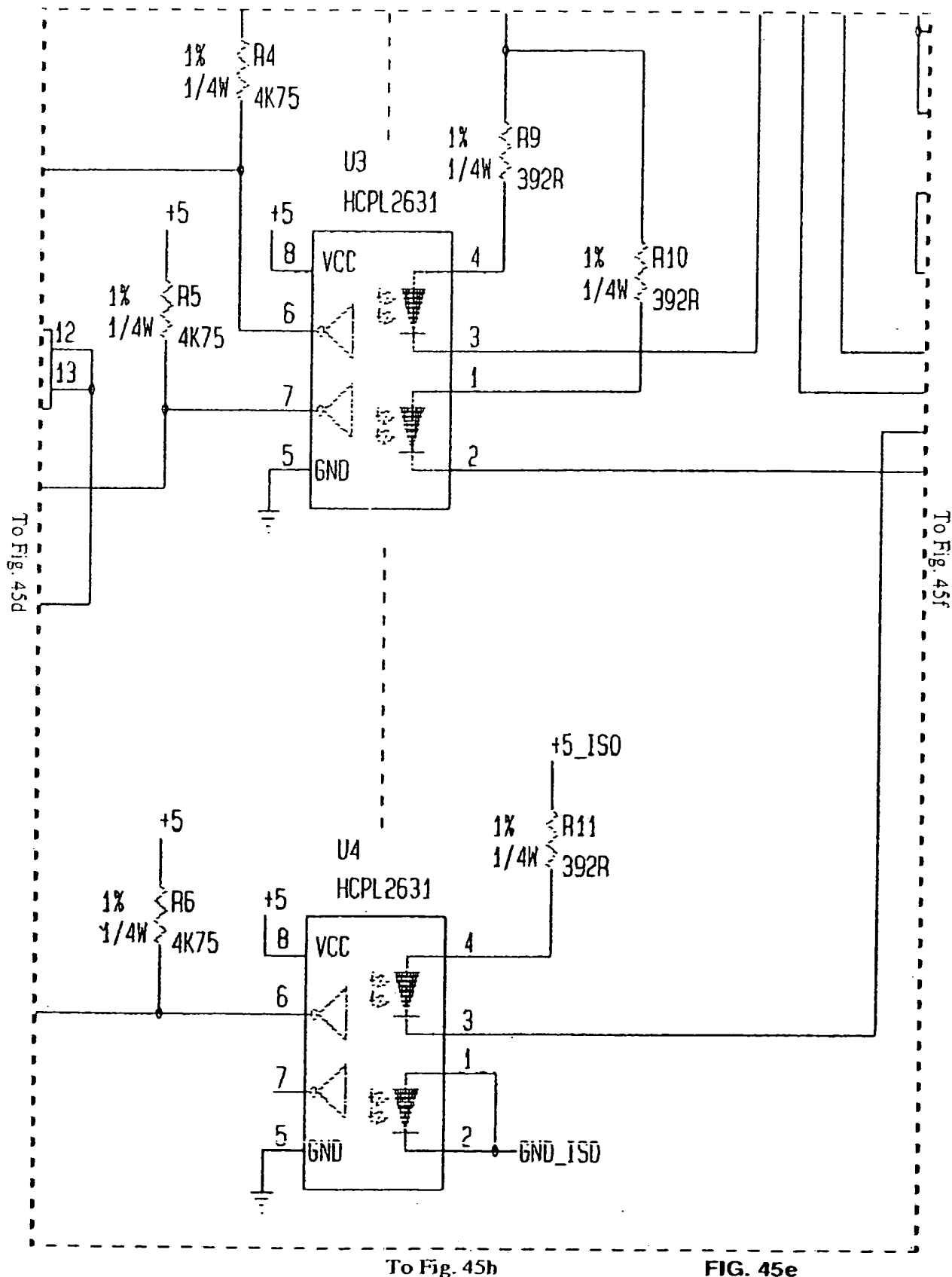
To Fig. 45e

To Fig. 45g

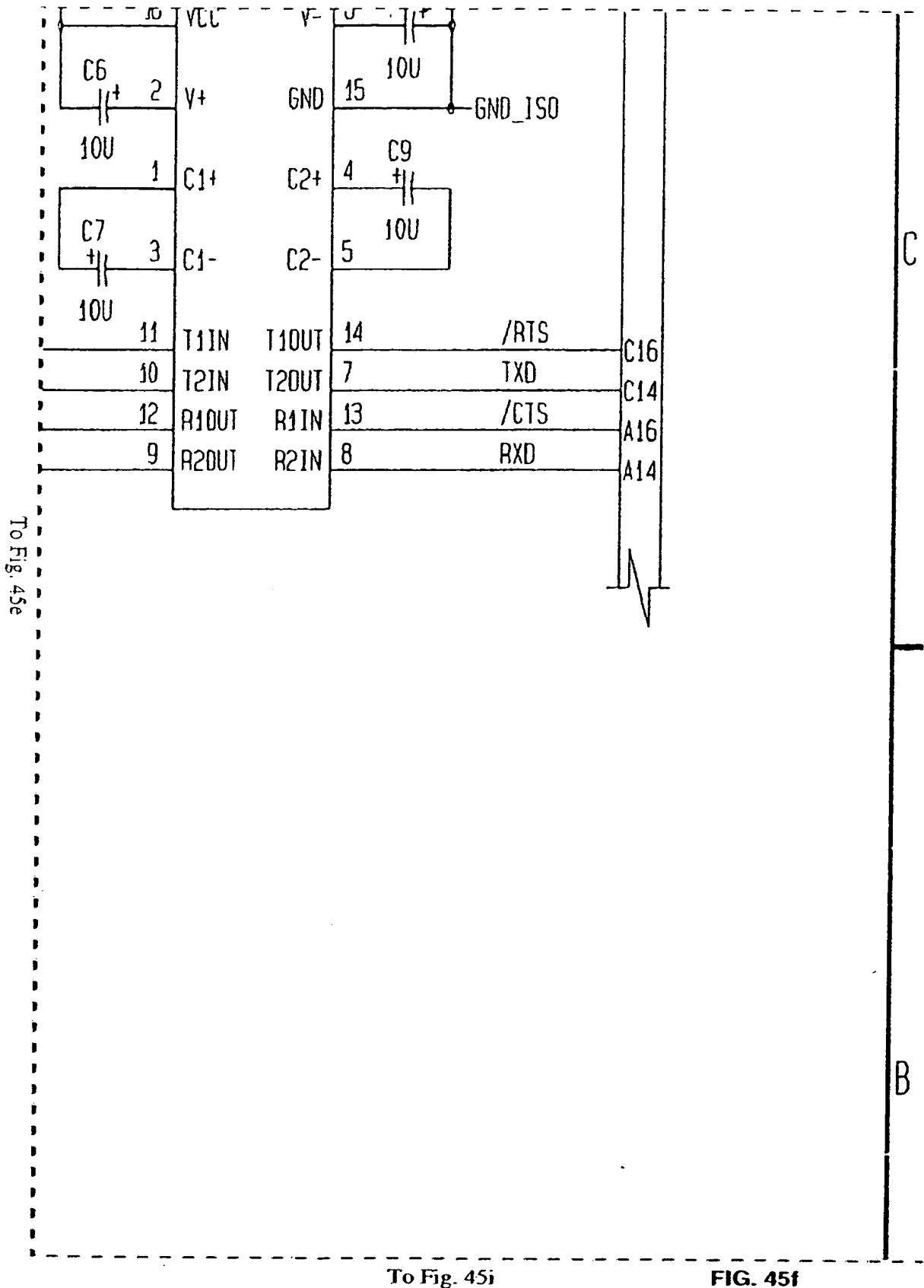
FIG. 45d

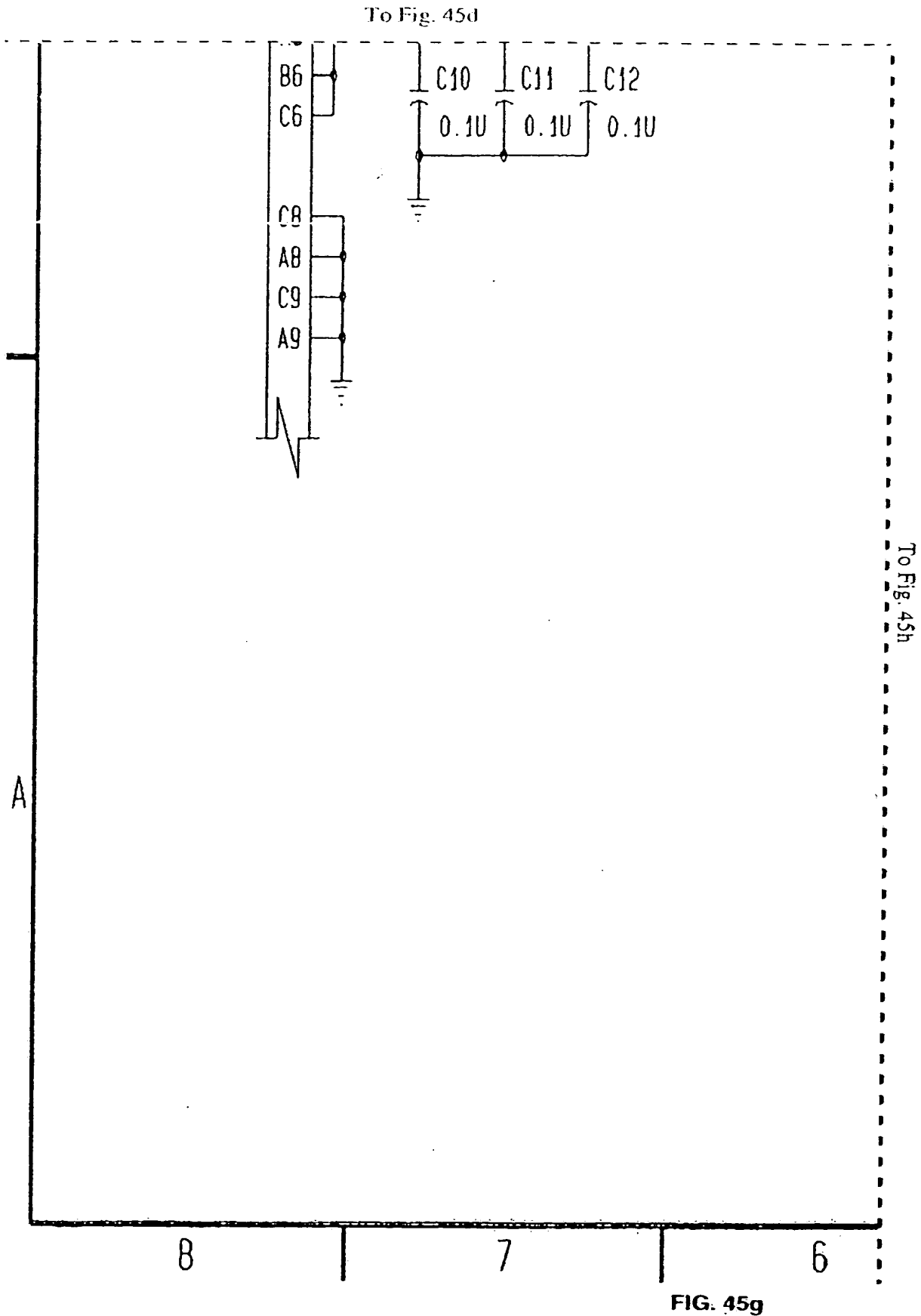
194 56 207

To Fig. 45b



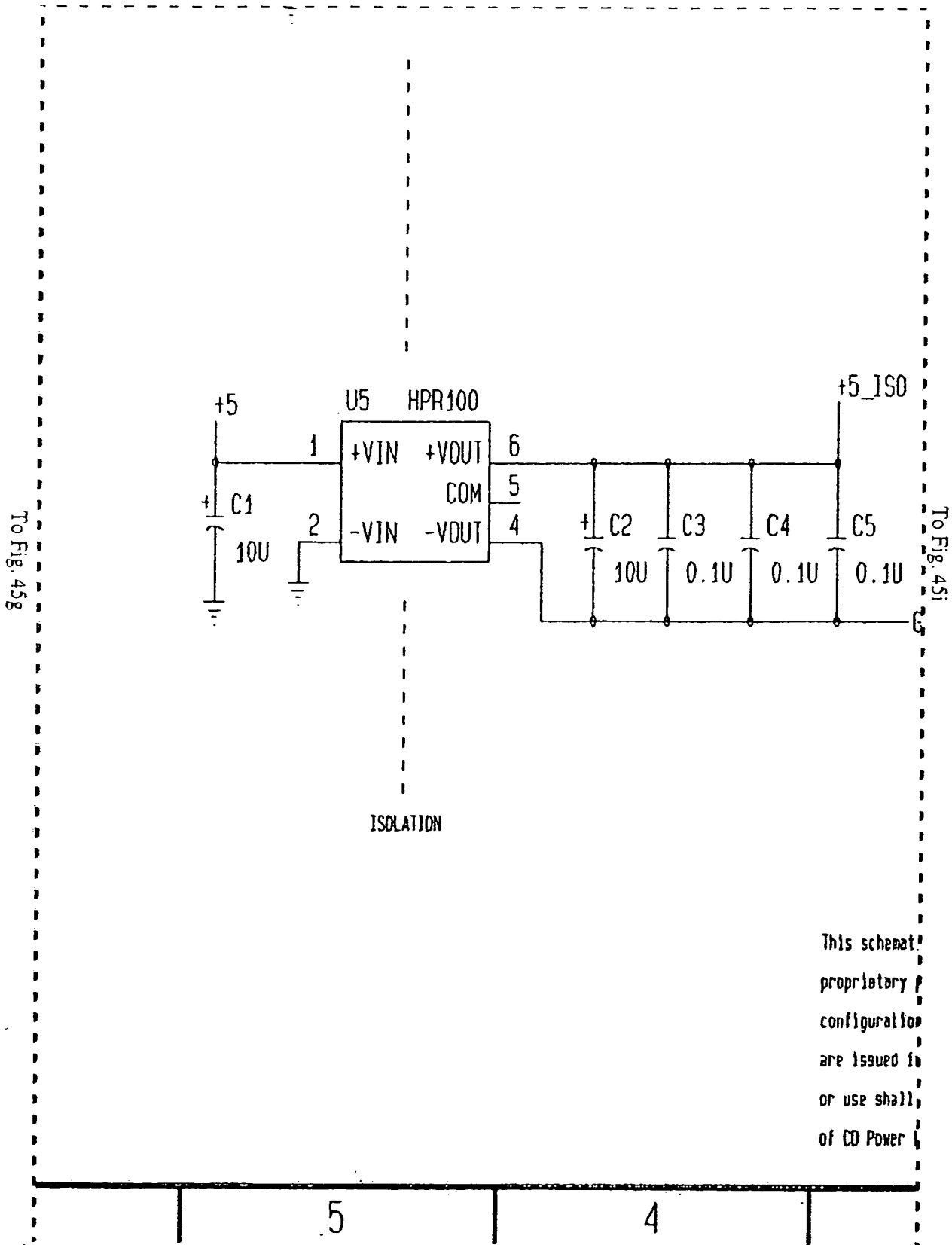
To Fig. 45c





997 07 207

To Fig. 45c



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FIG. 45h

198 08 307

To Fig. 45f

To Fig. 45h

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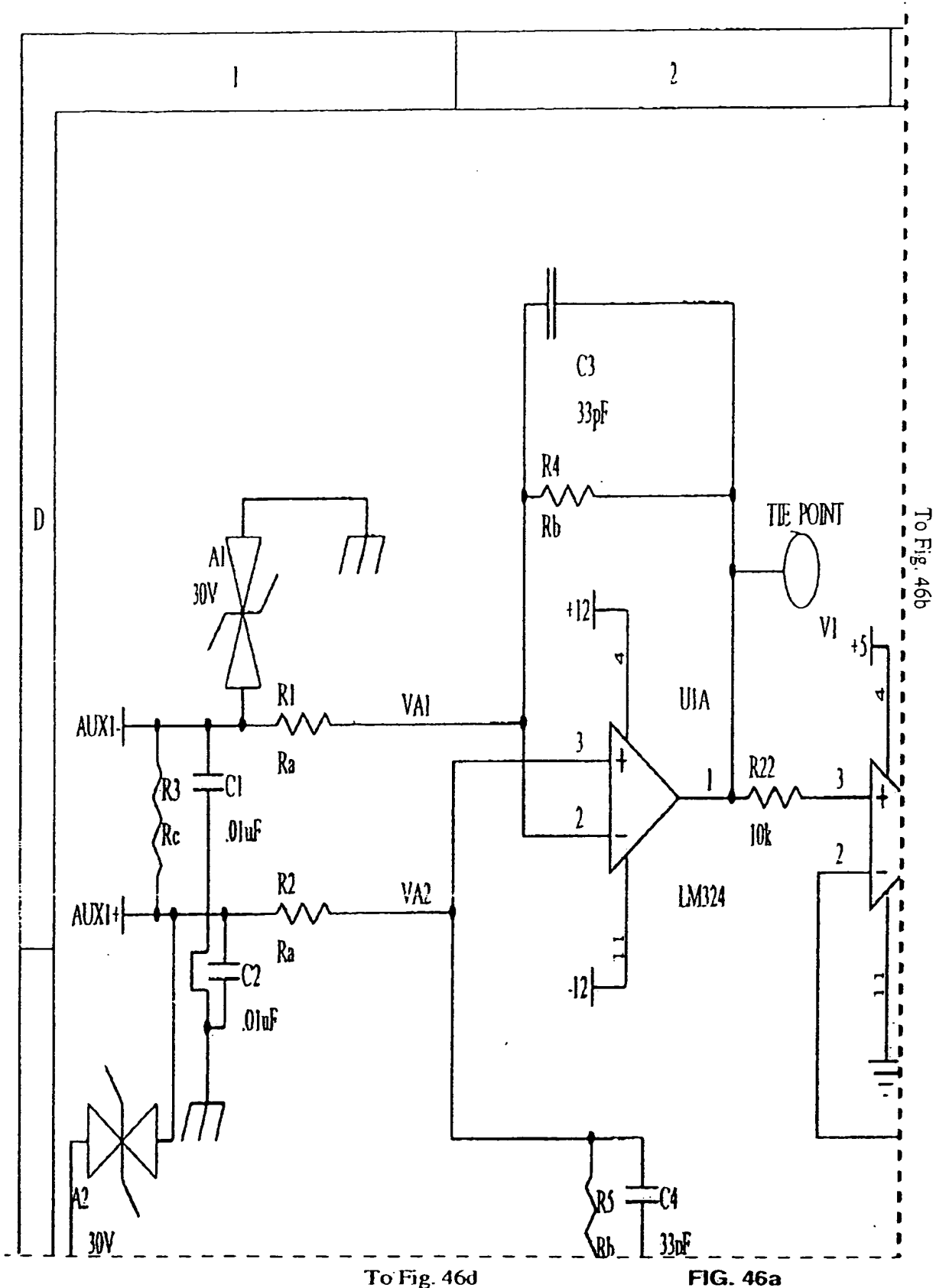
SHEET 1 OF 1

3

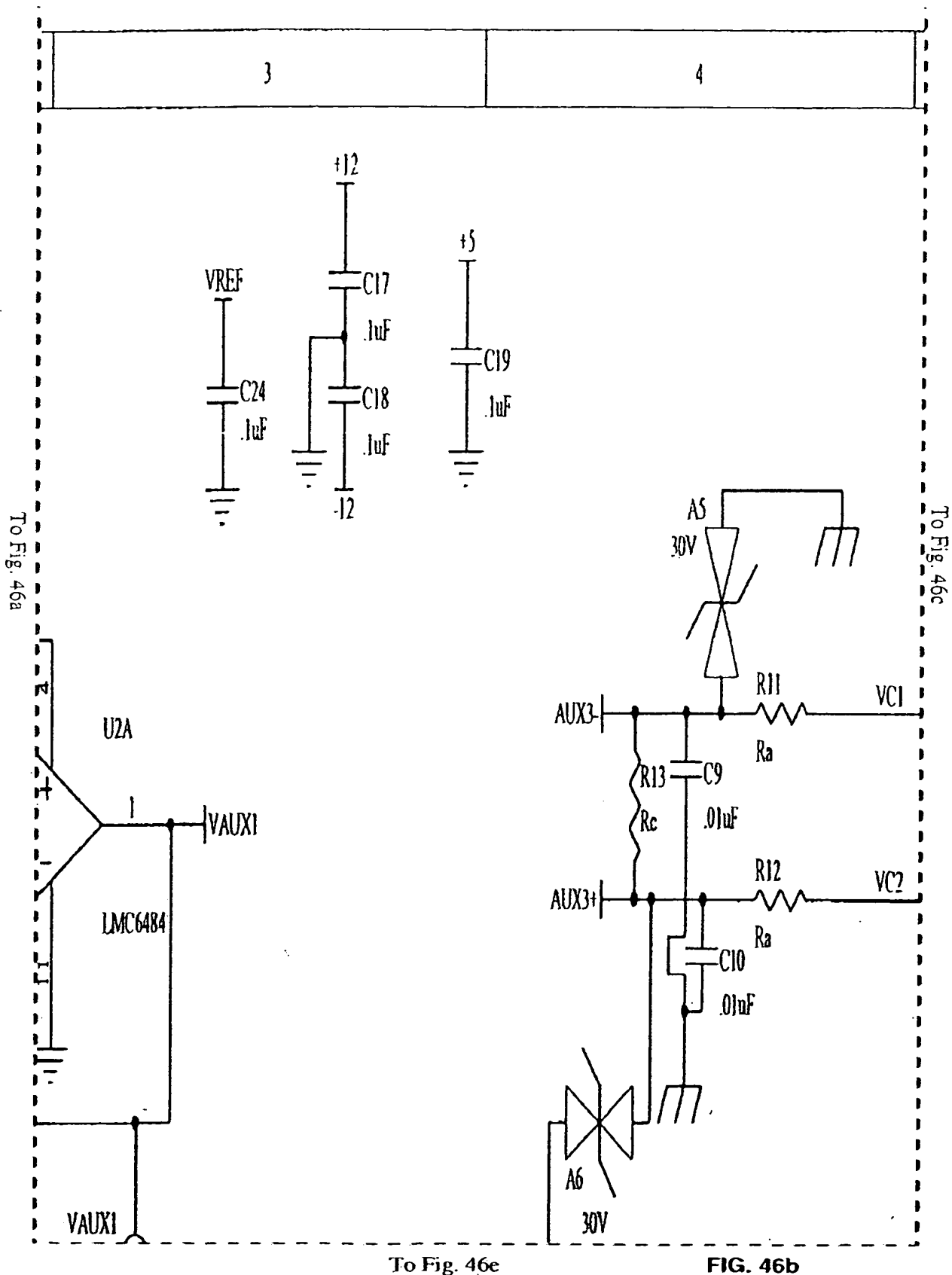
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1

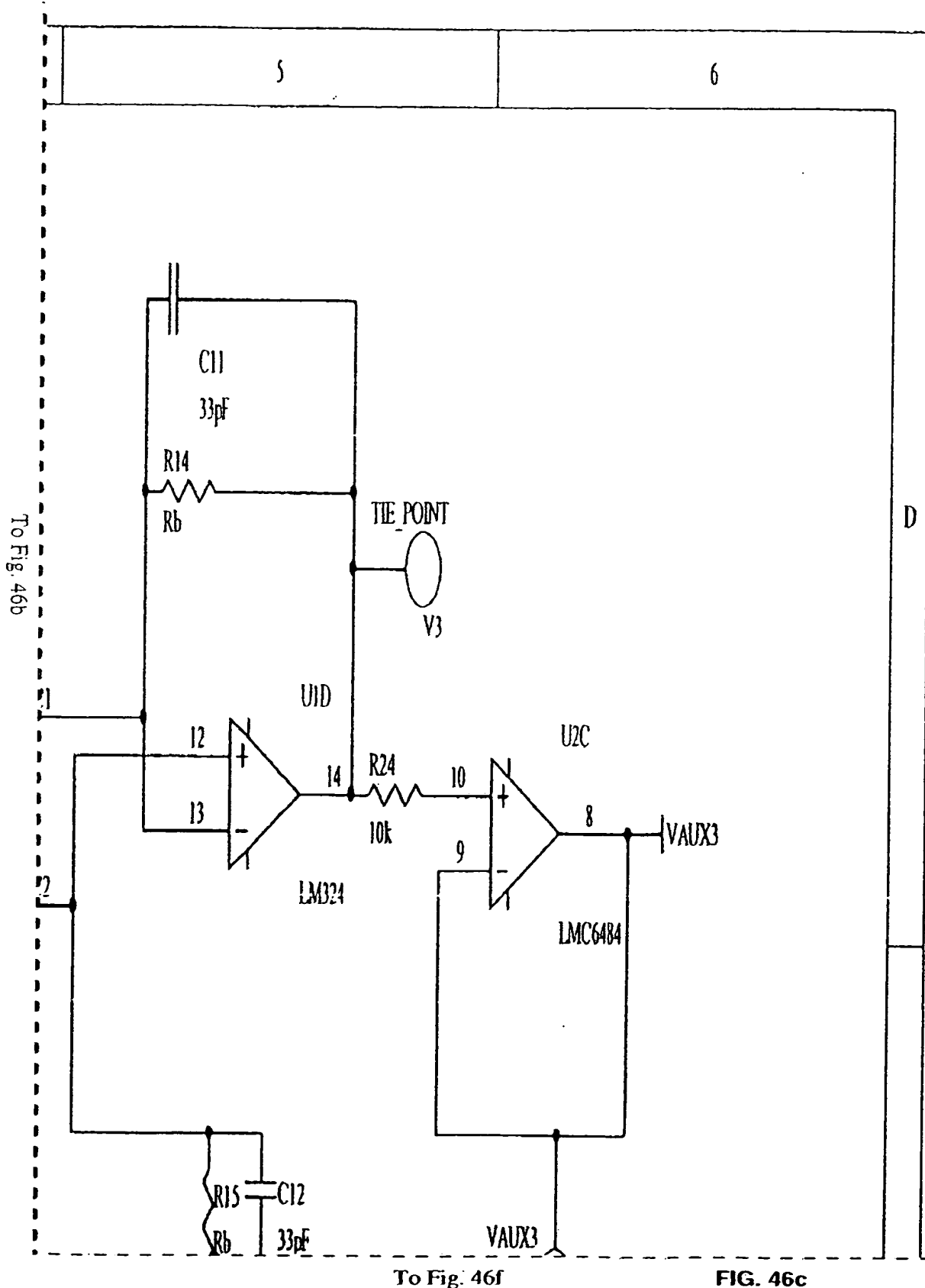
FIG. 45i



200 7 3-07



201 26 207



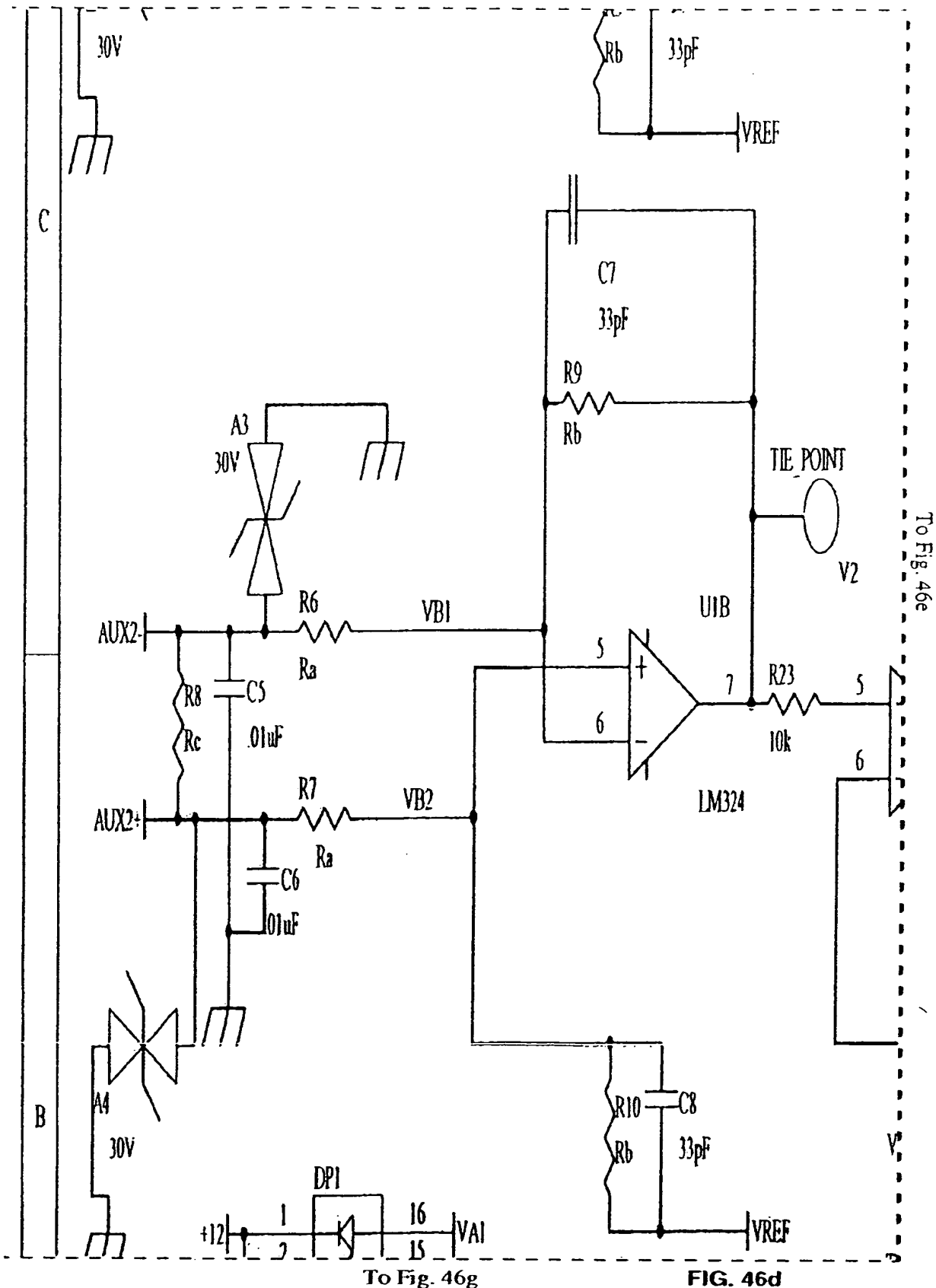
To Fig. 46b

To Fig. 46f

FIG. 46c

200 66 307

To Fig. 46a



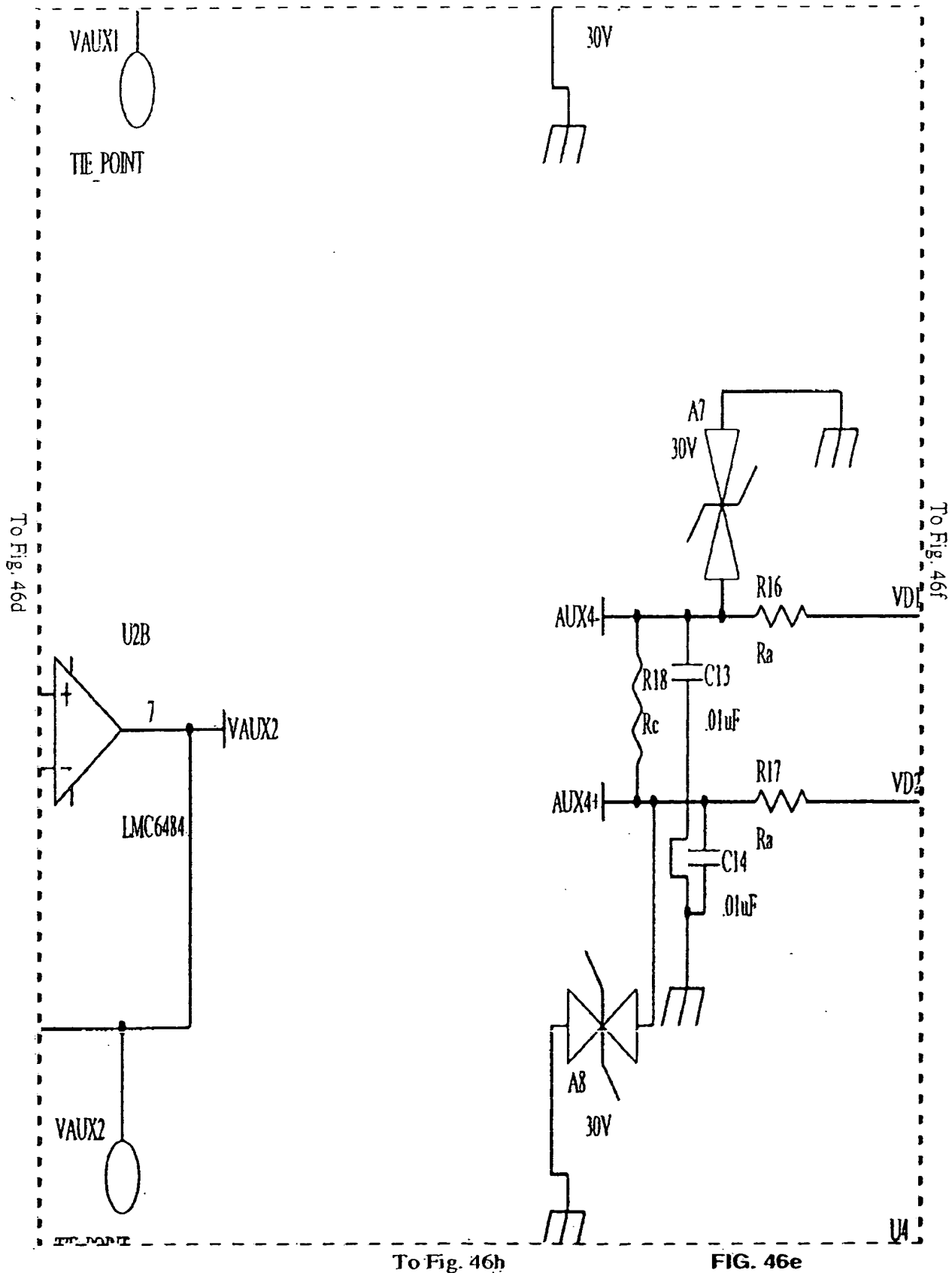
To Fig. 46e

To Fig. 46g

FIG. 46d

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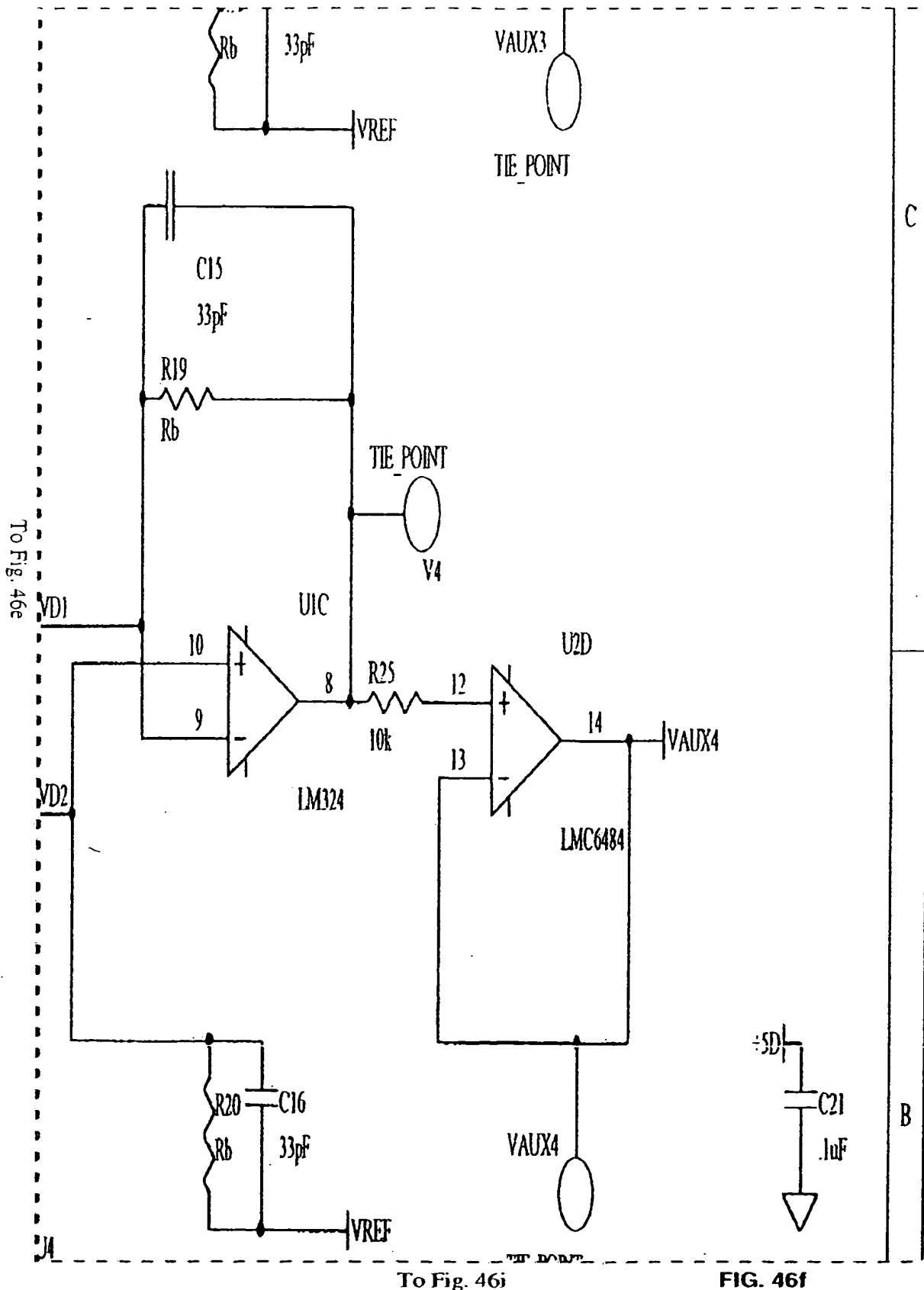
To Fig. 46b



To Fig. 46h

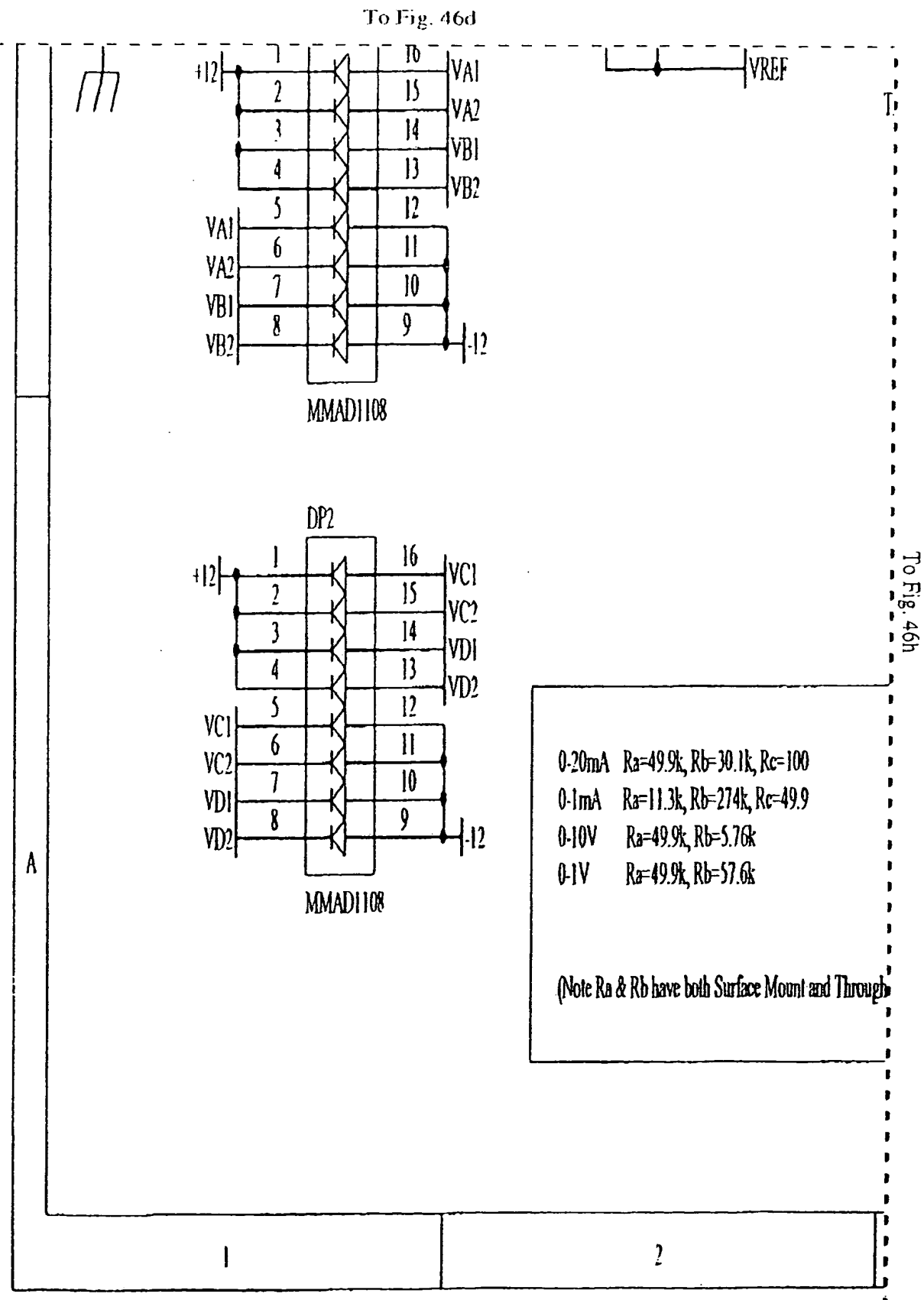
FIG. 46e

To Fig. 46c



To Fig. 46i

FIG. 46f



To Fig. 46e

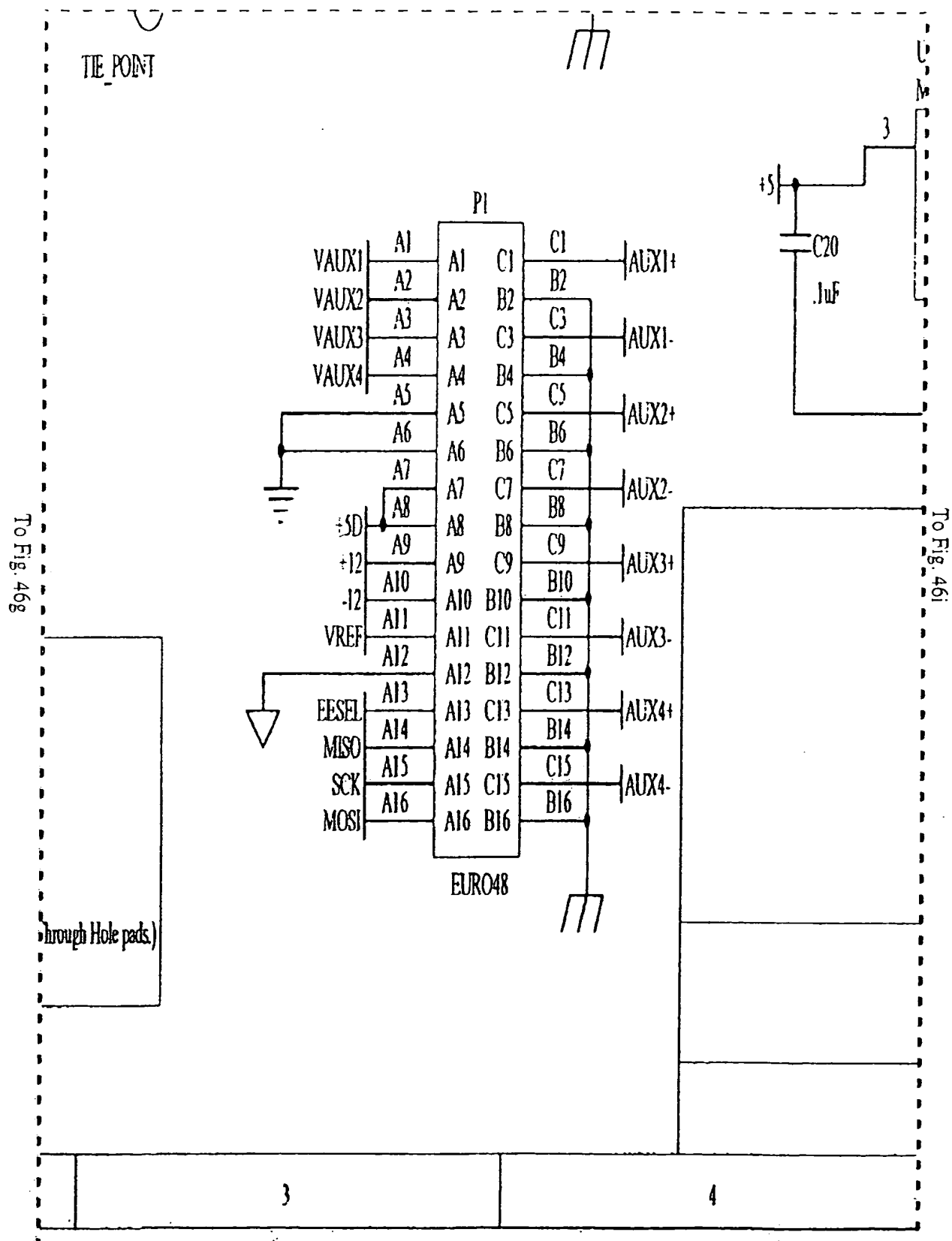
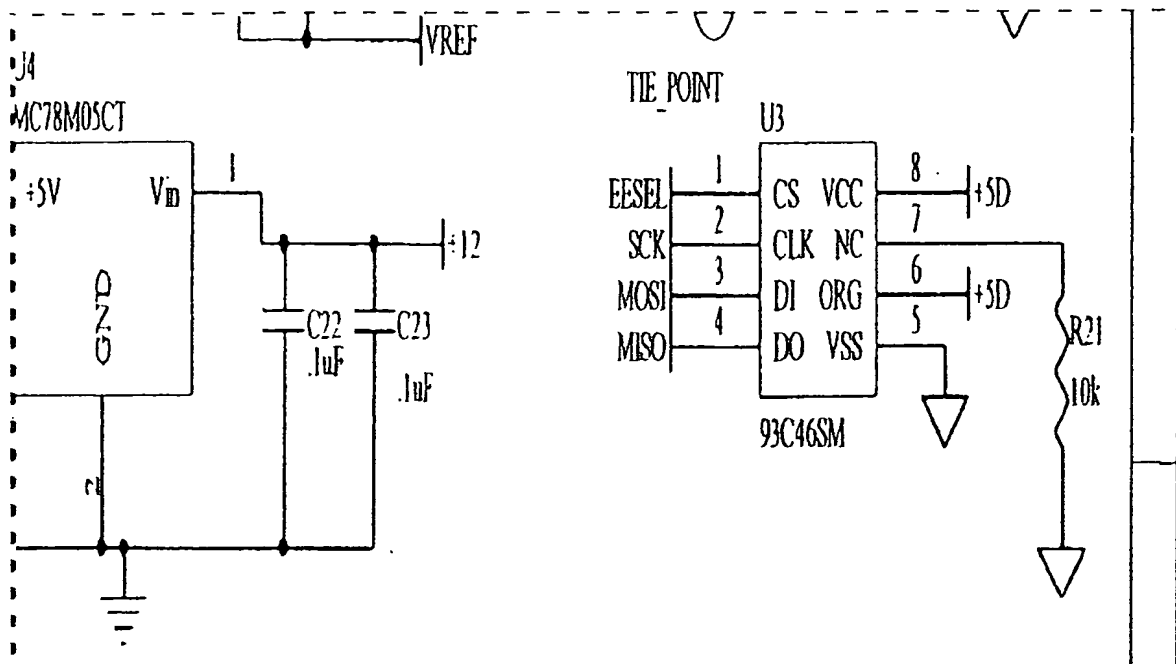


FIG. 46h

To Fig. 46f



To Fig. 46h

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FIG. 46i